

Name: Jilin Institute of Metrology

Address: No. 2699, Yiju Road, High-Tech Zone, Changchun, Jilin, China

Registration No. CNAS L1423

Accreditation Criteria: ISO/IEC 17025:2017 and relevant requirements of CNAS

Effective Date: 2024-02-20 Expiry Date: 2030-03-11

SCHEDULE 3 ACCREDITED TESTING SCOPE

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
Chemical, Analytical Instruments						
1	Visible spectrophotometer	1	Wavelength accuracy and repeatability	Visible spectrophotometer GB/T26810-2011 5.2		2022-10-13
		2	Transmittance accuracy and repeatability	Visible spectrophotometer GB/T26810-2011 5.3		2022-10-13
		3	Atray light	Visible spectrophotometer GB/T26810-2011 5.4		2022-10-13
		4	Wavelength edge noise	Visible spectrophotometer GB/T26810-2011 5.5		2022-10-13
		5	Baseline straightness	Visible spectrophotometer GB/T26810-2011 5.6		2022-10-13
		6	Baseline dark noise	Visible spectrophotometer GB/T26810-2011 5.7		2022-10-13
		7	Spectral bandwidth	Visible spectrophotometer GB/T26810-2011 5.8		2022-10-13

No. CNAS L1423

第 1 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
1	Visible spectrophotometer GB/T26810-2011 5.9	8	Drift	Visible spectrophotometer GB/T26810-2011 5.9		2022-10-13
		9	Power supply voltage change caused by transmittance changes	Visible spectrophotometer GB/T26810-2011 5.1		2022-10-13
		10	Pick-up current	Safety requirements for electrical equipment for measurement,control,and laboratory use---Part 1:General requirements GB 4793.1-2007 6.3		2022-10-13
		11	Protective earthing	Safety requirements for electrical equipment for measurement,control,and laboratory use---Part 1:General requirements GB 4793.1-2007 6.5.1		2022-10-13
		12	Dielectric strength	Visible spectrophotometer GB/T26810-2011 5.11.3		2022-10-13
2	Ultraviolet-visible spectrophotometer GB/T26813-2011 5.2	1	Wavelength accuracy and repeatability	Single beam UV/VIS spectrophotometer GB/T26798-2011 5.2		2022-10-13
				Double beam UV/VIS spectrophotometer GB/T26813-2011 5.2		2022-10-13
		2	Transmittance accuracy and repeatability	Single beam UV/VIS spectrophotometer GB/T26798-2011 5.4		2022-10-13
				Double beam UV/VIS spectrophotometer GB/T26813-2011 5.4		2022-10-13
		3	Stray light	Single beam UV/VIS spectrophotometer GB/T26798-2011 5.5		2022-10-13
				Double beam UV/VIS spectrophotometer GB/T26813-2011 5.5		2022-10-13
		4	Wavelength edge noise	Single beam UV/VIS spectrophotometer GB/T26798-2011 5.6		2022-10-13
				Double beam UV/VIS spectrophotometer GB/T26813-2011 5.10		2022-10-13

No. CNAS L1423

第 2 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
CHINA NATIONAL ACCREDITATION SERVICE FOR CONFORMITY ASSESSMENT SCHEDULE OF ACCREDITATION CERTIFICATE	5	Baseline straightness	Single beam UV/VIS spectrophotometer GB/T26798-2011 5.8		2022-10-13	
			Double beam UV/VIS spectrophotometer GB/T26813-2011 5.7		2022-10-13	
	6	Baseline dark noise	Single beam UV/VIS spectrophotometer GB/T26798-2011 5.9		2022-10-13	
			Double beam UV/VIS spectrophotometer GB/T26813-2011 5.8		2022-10-13	
	7	Spectral bandwidth	Single beam UV/VIS spectrophotometer GB/T26798-2011 5.3		2022-10-13	
			Double beam UV/VIS spectrophotometer GB/T26813-2011 5.3		2022-10-13	
	8	Drift	Single beam UV/VIS spectrophotometer GB/T26798-2011 5.10		2022-10-13	
			Double beam UV/VIS spectrophotometer GB/T26813-2011 5.9		2022-10-13	
	9	Power supply voltage change caused by transmittance changes	Single beam UV/VIS spectrophotometer GB/T26798-2011 5.7		2022-10-13	
			Double beam UV/VIS spectrophotometer GB/T26813-2011 5.6		2022-10-13	
	10	Pick-up current	Safety requirements for electrical equipment for measurement,control, and laboratory use---Part 1:General requirements GB 4793.1-2007 6.3	2022-10-13		
			Safety requirements for electrical equipment for measurement,control, and laboratory use---Part 1:General requirements GB 4793.1-2007 6.3	2022-10-13		
	11	Protective earthing	Safety requirements for electrical equipment for measurement,control, and laboratory use---Part 1:General requirements GB 4793.1-2007 6.5.1	2022-10-13		
			Safety requirements for electrical equipment for measurement,control, and laboratory use---Part 1:General requirements GB 4793.1-2007 6.5.1	2022-10-13		

No. CNAS L1423

第 3 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				measurement,control, and laboratory use---Part 1:General requirements GB 4793.1-2007 6.5.1		
		12	Dielectric strength	Single beam UV/VIS spectrophotometer GB/T26798-2011 5.11.3 Double beam UV/VIS spectrophotometer GB/T26813-2011 5.11.3		2022-10-13
3	Infrared spectrophotometer	1	Wavelength accuracy and repeatability	Fourier transform infrared spectrometer GB/T 21186-2007 4.7,4.8	Accredited only for less than 0.5 wave numbers	2022-10-13
		2	Transmittance accuracy and repeatability	Fourier transform infrared spectrometer GB/T 21186-2017 4.5		2022-10-13
		3	Background spectral energy distribution	Fourier transform infrared spectrometer GB/T 21186-2017 4.2		2022-10-13
		4	Resolving power	Fourier transform infrared spectrometer GB/T 21186-2017 4.6	Accredited only for less than 0.5 wave numbers	2022-10-13
		5	Noise	Fourier transform infrared spectrometer GB/T 21186-2017 4.4		2022-10-13
4	Mercury analyzers	1	Protective earthing	Mercury analyzers JB 5228-2017 5.9.3		2022-10-13
		2	Dielectric strength	Mercury analyzers JB 5228-2017 5.9.2		2022-10-13
		3	Contact current	Mercury analyzers JB 5228-2017 5.9.1		2022-10-13
		4	Linearity error	Mercury analyzers JB 5228-2017 5.4		2022-10-13

No. CNAS L1423

第 4 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		5	Limit of detection	Mercury analyzers JB 5228-2017 5.5		2022-10-13
		6	Repeatability	Mercury analyzers JB 5228-2017 5.6		2022-10-13
		7	Stability	Mercury analyzers JB 5228-2017 5.7		2022-10-13
5	Atomic absorption spectrophotometer	1	Wavelength accuracy and repeatability	Atomic absorption spectrophotometer GB/T21187-2007 4.2		2022-10-13
		2	Resolution ratio	Atomic absorption spectrophotometer GB/T21187-2007 4.3		2022-10-13
		3	Baseline Stability	Atomic absorption spectrophotometer GB/T21187-2007 4.4		2022-10-13
		4	Sensitivity	Atomic absorption spectrophotometer GB/T21187-2007 4.5		2022-10-13
		5	Detection limit	Atomic absorption spectrophotometer GB/T21187-2007 4.6		2022-10-13
		6	Repeatability	Atomic absorption spectrophotometer GB/T21187-2007 4.7		2022-10-13
		7	Absorbance error	Atomic absorption spectrophotometer GB/T21187-2007 4.8		2022-10-13
		8	Edge wavelength noise	Atomic absorption spectrophotometer GB/T21187-2007 4.9		2022-10-13
		9	Background correction ability	Atomic absorption spectrophotometer GB/T21187-2007 4.10		2022-10-13
		10	Slit shift position error	Atomic absorption spectrophotometer GB/T21187-2007 4.11		2022-10-13
		11	Insulation resistance	Atomic absorption spectrophotometer GB/T21187-2007 4.13.1.1	认可	2022-10-13
		12	Dielectric strength	Atomic absorption spectrophotometer GB/T21187-2007 4.13.1.2		2022-10-13

No. CNAS L1423

第 5 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		13	Leakage current	Atomic absorption spectrophotometer GB/T21187-2007 4.13.1.3		2022-10-13
6	Atomic fluorescence Spectrometer	1	Baseline stability	Atomic fluorescence spectrometer GB/T21191-2007 5.2		2022-10-13
		2	Detection limit	Atomic fluorescence spectrometer GB/T21191-2007 5.3		2022-10-13
		3	Repeatability	Atomic fluorescence spectrometer GB/T21191-2007 5.4		2022-10-13
		4	The linearity of the calibrated curve	Atomic fluorescence spectrometer GB/T21191-2007 5.5		2022-10-13
		5	Interchannel interference	Atomic fluorescence spectrometer GB/T21191-2007 5.6		2022-10-13
		6	Insulation resistance	Atomic fluorescence spectrometer GB/T21191-2007 5.8.1.1		2022-10-13
7	Laboratory pH meter	1	Electronic unit basic error	Laboratory pH meters GB/T11165-2005 5.5		2022-10-13
		2	The basic error of the instrument	Laboratory pH meters GB/T11165-2005 5.6		2022-10-13
		3	Electronic unit input current test	Laboratory pH meters GB/T11165-2005 5.7		2022-10-13
		4	Electronic unit temperature compensator is error	Laboratory pH meters GB/T11165-2005 5.9		2022-10-13
		5	Repeatability	Laboratory pH meters GB/T11165-2005 5.11	符合要求	2022-10-13
		6	The electronic unit stability	Laboratory pH meters GB/T11165-2005 5.12	符合要求	2022-10-13
		7	The influence of supply voltage change on the electronic unit	Laboratory pH meters GB/T11165-2005 5.13	认可专用章	2022-10-13

No. CNAS L1423

第 6 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
	Laboratory gas chromatographs	8	The influence of environment temperature change on the electronic unit	Laboratory pH meters GB/T11165-2005 5.14		2022-10-13
		9	Insulation resistance	Laboratory pH meters GB/T11165-2005 5.15.1		2022-10-13
		10	Dielectric strength	Laboratory pH meters GB/T11165-2005 5.15.2		2022-10-13
8	Laboratory gas chromatographs	1	Ground Leakage Current	Gas chromatograph for laboratory GB/T 30431-2020 5.3.1		2022-10-13
		2	Dielectrical strength	Gas chromatograph for laboratory GB/T 30431-2020 5.3.2		2022-10-13
		3	Protective grounding	Gas chromatograph for laboratory GB/T 30431-2020 5.3.3		2022-10-13
		4	Pneumatic sealing system	Gas chromatograph for laboratory GB/T 30431-2020 5.4		2022-10-13
		5	Temperature programmed repeatability	Gas chromatograph for laboratory GB/T 30431-2020 5.6.5		2022-10-13
		6	Limit of detection	Gas chromatograph for laboratory GB/T 30431-20120 5.7.3.2、5.7.4.2、5.7.5.2、5.7.6.2		2022-10-13
		7	Sensitivity	Gas chromatograph for laboratory GB/T 30431-2020 5.7.2.2		2022-10-13
		8	Noise	Gas chromatograph for laboratory GB/T 30431-2020 5.7.2.1、5.7.3.1、5.7.4.1、5.7.5.1、5.7.6.1		2022-10-13
		9	Drift	Gas chromatograph for laboratory GB/T 30431-2020 5.7.2.1、5.7.3.1、5.7.4.1、5.7.5.1、5.7.6.1		2022-10-13
		10	Linearity range	Gas chromatograph for laboratory GB/T 30431-2020 5.7.2.3、5.7.3.3、5.7.4.3、5.7.5.3、5.7.6.3		2022-10-13

No. CNAS L1423

第 7 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		11	Quantitative repetitive	Gas chromatograph for laboratory GB/T 30431-2020 5.11		2022-10-13
		12	Qualitative repetitive	Gas chromatograph for laboratory GB/T 30431-2020 5.10		2022-10-13
9	Liquid chromatographs	1	Leakproofness	High performance liquid chromatography GB/T 26792-2019 4.3.1		2022-10-13
		2	Flow output error and stability	High performance liquid chromatography GB/T 26792-2019 4.3.2		2022-10-13
		3	Temperature gradient error	High performance liquid chromatography GB/T 26792-2019 4.3.3		2022-10-13
		4	The temperature set point error	High performance liquid chromatography GB/T 26792-2019 4.4.2		2022-10-13
		5	Stability of temperature control	High performance liquid chromatography GB/T 26792-2019 4.4.2		2022-10-13
		6	Detector	High performance liquid chromatography GB/T 26792-2019 4.5		2022-10-13
		7	Quantitative repetitive	High performance liquid chromatography GB/T 26792-2019 4.6.2		2022-10-13
		8	Qualitative repetitive	High performance liquid chromatography GB/T 26792-2019 4.6.2		2022-10-13
10	Semiautomatic Biochemistry Analyzer	1	Wavelength accuracy and repeatability	Semiautomatic biochemistry analyzer YY/T0014-2005 5.2		2022-10-13
		2	Stray light	Semiautomatic biochemistry analyzer YY/T0014-2005 5.3		2022-10-13
		3	Linearity error	Semiautomatic biochemistry analyzer YY/T0014-2005 5.4		2022-10-13
		4	Intra - batch precision of clinical project	Semiautomatic biochemistry analyzer YY/T0014-2005 5.9		2022-10-13

No. CNAS L1423

第 8 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
10	The constant temperature of absorption pool	5	Repeatability	Semiautomatic biochemistry analyzer YY/T0014-2005 5.5		2022-10-13
		6	Stability	Semiautomatic biochemistry analyzer YY/T0014-2005 5.6		2022-10-13
		7		Semiautomatic biochemistry analyzer YY/T0014-2005 5.7		2022-10-13
		8	Cross contamination	Semiautomatic biochemistry analyzer YY/T0014-2005 5.8		2022-10-13
		9	security	Safety requirements for electrical equipment for measurement,control, and laboratory use---Part 1:General requirements GB 4793.1-2007 6.3、6.5.1、6.8		2022-10-13
11	Dry chemistry urine analyzer	1	Repeatability	Dry chemistry urine analyzer YY/T0475-2011 5.3		2022-10-13
		2	Accuracy of urine analysis strip	Dry chemistry urine analyzer YY/T0475-2011 5.4		2022-10-13
		3	Stability	Dry chemistry urine analyzer YY/T0475-2011 5.5		2022-10-13
		4	Carry pollution	Dry chemistry urine analyzer YY/T0475-2011 5.6		2022-10-13
12	Chemical oxygen demand meters	1	Repeatability	Measuring instrument of Chemical Oxygen Demand(COD) GB/T 32208-2015 6.3.8		2022-10-13
		2	Zero wander	Measuring instrument of Chemical Oxygen Demand(COD) GB/T 32208-2015 6.3.5		2022-10-13
		3	Span Drift	Measuring instrument of Chemical Oxygen Demand(COD) GB/T 32208-2015 6.3.6		2022-10-13
		4	Temperature indication error and temperature field uniformity	Measuring instrument of Chemical Oxygen Demand(COD) GB/T 32208-2015 6.3.2		2022-10-13



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		5	Dissolving time indication error	Measuring instrument of Chemical Oxygen Demand(COD) GB/T 32208-2015 6.3.3		2022-10-13
		6	Indication error	Measuring instrument of Chemical Oxygen Demand(COD) GB/T 32208-2015 6.3.4		2022-10-13
		7	Stability	Measuring instrument of Chemical Oxygen Demand(COD) GB/T 32208-2015 6.3.7		2022-10-13
13	Flue gas analyzers	1	Airtightness	Technical conditions of sampler for stack gas HJ/T47-1999 6.3.9		2022-10-13
		2	Alarm error	Technical conditions of sampler for stack gas HJ/T47-1999 6.3.8		2022-10-13
14	Sulfur hydrogen gas detector	1	Detection error	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.4.3		2022-10-13
		2	Alarm error	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.5.3		2022-10-13
		3	Repeatability	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.6.3		2022-10-13
		4	Response Time	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.9.3		2022-10-13
		5	Long-term stability	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.12.3		2022-10-13
		6	Full range scale	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.10.3		2022-10-13
		7	High speed air flow	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.11.3	综合判定 国家认可委	2022-10-13
		8	Insulated resistance	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.13.3	综合判定 国家认可委	2022-10-13
		9	Radiated electromagnetic field disturbance	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.15.3	认可 专用章	2022-10-13

No. CNAS L1423



第 10 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
15	Sulfur dioxide gas detector	10	Electrostatic discharge	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.16.3		2022-10-13
		11	EFT	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.17.3		2022-10-13
		12	High temperature	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.18.3		2022-10-13
		13	Low temperature	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.19.3		2022-10-13
		14	Steady damp-heat	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.20.3		2022-10-13
		15	Vibration	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.21.3		2022-10-13
		16	Fall Test	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.22.3		2022-10-13
15	Sulfur dioxide gas detector	1	Linear error	Technical conditions of sulfur dioxide gas analyzer JB/T 6240-1992 4.3.3		2022-10-13
		2	repeatability error	Technical conditions of sulfur dioxide gas analyzer JB/T 6240-1992 4.3.4		2022-10-13
		3	Drift of point	Technical conditions of sulfur dioxide gas analyzer JB/T 6240-1992 4.3.5		2022-10-13
		4	Span shift	Technical conditions of sulfur dioxide gas analyzer JB/T 6240-1992 4.3.5		2022-10-13
		5	Mushing error	Technical conditions of sulfur dioxide gas analyzer JB/T 6240-1992 4.3.8	四合市质量技术监督局 认可	2022-10-13
		6	The power supply voltage error	Technical conditions of sulfur dioxide gas analyzer JB/T 6240-1992 4.3.9	四合市质量技术监督局 认可	2022-10-13
		7	Operating error	Technical conditions of sulfur dioxide gas analyzer JB/T 6240-1992 4.3.11	四合市质量技术监督局 认可	2022-10-13
		8	Insulation resistance	Technical conditions of sulfur dioxide gas analyzer JB/T 6240-1992 4.3.12	四合市质量技术监督局 认可	2022-10-13

No. CNAS L1423



第 11 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
16	The alarm detectors of combustible gas	9	Dielectric strength	Technical conditions of sulfur dioxide gas analyzer JB/T 6240-1992 4.3.13		2022-10-13
		10	Leakage current	Technical conditions of sulfur dioxide gas analyzer JB/T 6240-1992 4.3.14		2022-10-13
		1	Detection error	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.4.3		2022-10-13
		2	Alarm error	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.5.3		2022-10-13
		3	Repeatability	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.6.3		2022-10-13
		4	Responsive time	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.9.3		2022-10-13
		5	Long-term stability	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.12.3		2022-10-13
		6	Full range scale	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.10.3		2022-10-13
		7	High speed air flow	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.11.3		2022-10-13
		8	Insulated resistance	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.13.3		2022-10-13
		9	Radiated electromagnetic field disturbance	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.15.3		2022-10-13
		10	Electrostatic discharge	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.16.3		2022-10-13
		11	EFT	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.17.3		2022-10-13
		12	High temperature	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.18.3		2022-10-13

No. CNAS L1423

第 12 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		13	Low temperature	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.19.3		2022-10-13
		14	Steady damp-heat	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.20.3		2022-10-13
		15	Vibration	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.21.3		2022-10-13
		16	Fall Test	Gas monitors and alarms for workplace-General technical requirements GB 12358-2006 6.22.3		2022-10-13
17	Carbon monoxide and carbon dioxide infrared analyzer	1	Pneumatic sealing	Test method of infrared gas analyzers GB/T 25930-2010 4.4		2022-10-13
		2	Linear error	Test method of infrared gas analyzers GB/T 25930-2010 4.5		2022-10-13
		3	Drift of point	Test method of infrared gas analyzers GB/T 25930-2010 4.6		2022-10-13
		4	Span drift	Test method of infrared gas analyzers GB/T 25930-2010 4.6		2022-10-13
		5	Repeatability	Test method of infrared gas analyzers GB/T 25930-2010 4.8		2022-10-13
		6	The influence of environmental temperature change on the indicator	Test method of infrared gas analyzers GB/T 25930-2010 4.10		2022-10-13
		7	Influence of change of atmospheric pressure on indicator value	Test method of infrared gas analyzers GB/T 25930-2010 4.11	国家认可 实验室	2022-10-13
		8	The influence of the power supply voltage change	Test method of infrared gas analyzers GB/T 25930-2010 4.12	认可	2022-10-13
		9	Influence of frequency change of	Test method of infrared gas analyzers GB/T 25930-2010 4.13		2022-10-13

No. CNAS L1423

第 13 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			power supply			
		10	The influence of the position tilt of the instrument on the output signal	Test method of infrared gas analyzers GB/T 25930-2010 4.14		2022-10-13
		11	Interference error	Test method of infrared gas analyzers GB/T 25930-2010 4.15		2022-10-13
18	Oxygen bomb calorimete	1	Accuracy of heat capacity calibration and	Guide for performance acceptance of oxygen bomb calorimeter GB/T 31423-2015 5.4.3		2022-10-13
		2	Effective working range of heat capacity	Guide for performance acceptance of oxygen bomb calorimeter GB/T 31423-2015 5.4.4		2022-10-13
		3	Accuracy of calorific value measurement	Guide for performance acceptance of oxygen bomb calorimeter GB/T 31423-2015 5.4.5		2022-10-13
19	Measuring apparatus for dust content in stack	1	Gas tightness	Technical conditions of sampler for stack dust HJ/T48-1999 9.3.2		2022-10-13
		2	Insulation resistance	Technical conditions of sampler for stack dust HJ/T48-1999 9.3.3		2022-10-13
		3	Timing error	Technical conditions of sampler for stack dust HJ/T48-1999 9.3.4		2022-10-13
		4	No-load flow error	Technical conditions of sampler for stack dust HJ/T48-1999 9.3.6.1		2022-10-13
		5	The error of load flow	Technical conditions of sampler for stack dust HJ/T48-1999 9.3.6.2		2022-10-13
		6	The flow measurement device	Technical conditions of sampler for stack dust HJ/T48-1999 9.3.8		2022-10-13
		7	Constant speed tracking response	Technical conditions of sampler for stack dust HJ/T48-1999 9.3.9		2022-10-13

No. CNAS L1423

第 14 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			time			
		8	Constant attract error	Technical conditions of sampler for stack dust HJ/T48-1999 9.3.10		2022-10-13
20	Total organic carbon analyzer	1	Repeatability error	The technical requirement for water quality automatic analyzer of total organic carbon HJ/T104-2018 9.4.1		2022-10-13
		2	Zero drift	The technical requirement for water quality automatic analyzer of total organic carbon HJ/T104-2018 9.4.2		2022-10-13
		3	Span drift	The technical requirement for water quality automatic analyzer of total organic carbon HJ/T104-2018 9.4.3		2022-10-13
		4	Linearity	The technical requirement for water quality automatic analyzer of total organic carbon HJ/T104-2018 9.4.4		2022-10-13
		5	Response time	The technical requirement for water quality automatic analyzer of total organic carbon HJ/T104-2018 9.4.5		2022-10-13
		6	Actual water samples comparison test	The technical requirement for water quality automatic analyzer of total organic carbon HJ/T104-2018 9.4.7		2022-10-13
		7	Stability relative to voltage fluctuation	The technical requirement for water quality automatic analyzer of total organic carbon HJ/T104-2018 9.4.8		2022-10-13
21	Electrochemical electrode gas oxygen analyzer of coal mine	1	Intrinsic error	Electrochemical electrode gas oxygen sensor of coal mine MT447-1995 4.3		2022-10-13
		2	Load Characteristic	Electrochemical electrode gas oxygen sensor of coal mine MT447-1995 4.4		2022-10-13
		3	Stability Determination	Electrochemical electrode gas oxygen sensor of coal mine MT447-1995 4.5		2022-10-13
		4	Responsive time	Electrochemical electrode gas oxygen sersor of coal mine MT447-1995 4.6		2022-10-13
		5	Warning function	Electrochemical electrode gas oxygen sensor of coal mine MT447-1995 4.7		2022-10-13



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
22	Turbid meter	1	Repeatability error	The technical requirement for water quality automatic analyzer of turbidity HJ/T98-2003 8.3.1		2022-10-13
		2	Zero drift	The technical requirement for water quality automatic analyzer of turbidity HJ/T98-2003 8.3.2		2022-10-13
		3	Span drift	The technical requirement for water quality automatic analyzer of turbidity HJ/T98-2003 8.3.3		2022-10-13
		4	Linearity error	The technical requirement for water quality automatic analyzer of turbidity HJ/T98-2003 8.3.4		2022-10-13
		5	Actual water samples comparison test	The technical requirement for water quality automatic analyzer of turbidity HJ/T98-2003 8.3.6		2022-10-13
		6	Stability relative to voltage fluctuation	The technical requirement for water quality automatic analyzer of turbidity HJ/T98-2003 8.3.7		2022-10-13
		7	Insulation resistance	The technical requirement for water quality automatic analyzer of turbidity HJ/T98-2003 8.3.8		2022-10-13
23	Specification of flame photometer	1	Minimum detectable quantity	Specification of flame photometer JB/T10058-2000 4.6		2022-10-13
		2	Stability	Specification of flame photometer JB/T10058-2000 4.7		2022-10-13
		3	Repeatability	Specification of flame photometer JB/T10058-2000 3.8		2022-10-13
		4	Linearity error	Specification of flame photometer JB/T10058-2000 4.9		2022-10-13
		5	The mutual interference between the measuring elements	Specification of flame photometer JB/T10058-2000 4.10	中国合格评定国家认可委员会	2022-10-13
		6	Responsive time	Specification of flame photometer JB/T10058-2000 4.11	认可委	2022-10-13
		7	Insulation resistance	Specification of flame photometer JB/T10058-2000 4.3		2022-10-13

No. CNAS L1423

第 16 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		8	Dielectric strength	Specification of flame photometer JB/T10058-2000 4.4		2022-10-13
		9	Leakage current	Specification of flame photometer JB/T10058-2000 4.5		2022-10-13
24	Electric conductivity analyzers	1	Inherent error	Laboratory conductivity meter Test method of electric conductivity analyzers GB/T11007-2008 5.4.3		2022-10-13
		2	Repeatability	Laboratory conductivity meter Test method of electric conductivity analyzers GB/T11007-2008 5.4.4		2022-10-13
		3	Stability	Laboratory conductivity meter Test method of electric conductivity analyzers GB/T11007-2008 5.4.7		2022-10-13
		4	Influence deviation	Laboratory conductivity meter Test method of electric conductivity analyzers GB/T11007-2008 5.4.8		2022-10-13
		5	Operating error	Laboratory conductivity meter Test method of electric conductivity analyzers GB/T11007-2008 5.4.9.2		2022-10-13
		6	Insulation resistance	Laboratory conductivity meter Test method of electric conductivity analyzers GB/T11007-2008 5.5.1		2022-10-13
		7	Dielectric strength	Laboratory conductivity meter Test method of electric conductivity analyzers GB/T11007-2008 5.5.2		2022-10-13
		8	Leakage current	Laboratory conductivity meter Test method of electric conductivity analyzers GB/T11007-2008 5.5.3		2022-10-13
25	Analytical instruments	1	Dielectric strength	General Specification of Analytical Instruments GB/T12519-2021 6.6		2022-10-13
				Safety requirements for analyzers (IEC61010 2 081:2001 Safety requirements for electrical equipment for measurement control and laboratory use Part 2 081:Particular requirements for automatic and semi automatic laboratory equipment for analysis and other purposes,NEQ) GB/T34065-2017 6.3		2022-10-13
		2	Contact current	Safety requirements for electrical equipment for measurement,control, and laboratory use---Part 1:General requirements GB 4793.1-2007 6.3	Accredited only for (0~10)mA	2022-10-13

No. CNAS L1423

第 17 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		3	Protective grounding	Safety requirements for electrical equipment for measurement, control, and laboratory use---Part 1: General requirements GB 4793.1-2007 6.5.1	Accredited only for (0~600)mΩ	2022-10-13
		4	Line frequency and voltage	Method of environmental test GB/T11606-2007 3.3	Accredited only for (154~275)V (40~64)Hz	2022-10-13
		5	Cold	Method of environmental test GB/T11606-2007 4.4	Accredited only for ≥-65°C	2022-10-13
		6	High temperature	Method of environmental test GB/T11606-2007 5.4	Accredited only for ≤+85°C	2022-10-13
		7	Change of temperature	Method of environmental test GB/T11606-2007 6.4	Accredited only for (-65~+85) °C	2022-10-13
		8	Damp heat, steady state	Method of environmental test GB/T11606-2007 7.4	Accredited only for (+20~+85) °C (20~95) %RH	2022-10-13
		9	Damp heat, cyclic	Method of environmental test GB/T11606-2007 8.4	Accredited only for (+20~	2022-10-13

No. CNAS L1423

第 18 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
					+85) °C (20~95) %RH	
		10	Vibration	Method of environmental test GB/T11606-2007 9.4	Accredited only for (5~3000)Hz ≤1000m/s ² ≤1.8m/s ≤51mm ≤500kg	2022-10-13
		11	Magnetic field	Method of environmental test GB/T11606-2007 10.3	Accredited only for (0~400)A/m	2022-10-13
		12	Sand and dust content of the air	Method of environmental test GB/T11606-2007 12.3	Accredited only for ≤2kg/m ³	2022-10-13
		13	Mould growth	Method of environmental test GB/T11606-2007 13.3	Accredited only for culture Aspergillus niger, Aspergillus ' Aureobacidium pullulans, Ochre	2022-10-13



No. CNAS L1423

第 19 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				CHINA NATIONAL ACCREDITATION SERVICE FOR CONFORMITY ASSESSMENT SCHEDULE OF ACCREDITATION CERTIFICATE	Penicillium 、 scopulariopsis brevicaulis 、 Trichoderm a viride。	
		14	Salt mist	Method of environmental test GB/T11606-2007 14.3	Accredited only for (35~ 50) °C, (1.0~2.0) mL/(h·80c m ²)	2022-10-13
		15	Cole storage	Method of environmental test GB/T11606-2007 15.4	Accredited only for ≥- 65°C	2022-10-13
		16	High-temperature storage	Method of environmental test GB/T11606-2007 16.4	Accredited only for ≤+85°C	2022-10-13
		17	Fall down	Method of environmental test GB/T11606-2007 17.3	Accredited only for ≤200kg (0~ 100)cm	2022-10-13
		18	Pump	Method of environmental test GB/T11606-2007 18.3	Accredited only for ≤1000m/s ²	2022-10-13



No. CNAS L1423

第 20 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		19	Noise SCHED	Detection of power degree of noise GB3768-2017 8	Accredited only for (30~120)dB hemi-anechoic rooms: Accredited only for :≤(500×350×350)mm	2022-10-13
		20	Electrostatic discharge	Electromagnetic compatibility—Testing and measurement techniques—Electrostatic discharge immunity test GB/T17626.2-2018 8		2022-10-13
		21	Radiated, radio-frequency, electromagnetic field	Electromagnetic compatibility—Testing and measurement techniques—Radiated,radio-frequency, electromagnetic field immunity test GB/T17626.3-2016		2022-10-13
		22	Electrical fast transient	Electromagnetic compatibility—Testing and measurement techniques—Electrical fast transient/burstimmunity test GB/T 17626.4-2018		2022-10-13
		23	Immunity to conducted disturbances	Electromagnetic compatibility—Testing and measurement techniques—Immunity to conducted disturbances, induced by radio-frequency fields GB/T 17626.6-2017	国家认可 实验室	2022-10-13
		24	Surge	Electromagnetic compatibility—Testing and measurement techniques—Surge immunity test GB/T 17626.5-2019	国家认可 实验室	2022-10-13
		25	Power frequency magnetic field	Electromagnetic compatibility—Testing and measurement techniques—Power frequency magnetic field immunity test GB/T 17626.8-2006	国家认可 实验室	2022-10-13



No. CNAS L1423

第 21 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
26	Clean room	26	Voltage dips, short interruptions and voltage variations	Electromagnetic compatibility testing and measurement techniques Voltage dips, short interruptions and voltage variations immunity test GB/T 17626.11-2008		2022-10-13
		27	Radio disturbance characteristics	Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement GB 9254-2008		2022-10-13
				Information technology equipment—Immunity characteristics—Limits and methods of measurement GB/T 17618-2015		2022-10-13
26	Clean room	1	Air cleanliness	Code for design of clean room GB50073-2013 3.0.1		2022-10-13
		2	Noise	Code for design of clean room GB50073-2013 4.4.1		2022-10-13
		3	Thermo hygrometer	Code for design of clean room GB50073-2013 6.1.4		2022-10-13
		4	Static pressure difference	Code for design of clean room GB50073-2013 6.2.2		2022-10-13
		5	Air volume and wind speed	Code for design of clean room GB50073-2013 6.3.3		2022-10-13
		6	Illuminance	Code for design of clean room GB50073-2013 9.2.3		2022-10-13
27	Cleanroom	1	Leak test	Code for construction and acceptance of cleanroom GB50591-2010 D2,D3		2022-10-13
		2	Air volume, wind speed and ventilation times	Code for construction and acceptance of cleanroom GB50591-2010 E1		2022-10-13
		3	Static pressure difference	Code for construction and acceptance of cleanroom GB50591-2010 E.2		2022-10-13
		4	Air cleanliness	Code for construction and acceptance of cleanroom GB50591-2010 E.4		2022-10-13
		5	Thermo hygrometer	Code for construction and acceptance of cleanroom GB50591-2010 E.5		2022-10-13

No. CNAS L1423

第 22 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
28	Clean room (zone) of the pharmaceutical industry	6	Noise	Code for construction and acceptance of cleanroom GB50591-2010 E.6		2022-10-13
		7	Illuminance	Code for construction and acceptance of cleanroom GB50591-2010 E.7		2022-10-13
		8	Airborne microbe	Code for construction and acceptance of cleanroom GB50591-2010 E.8		2022-10-13
		9	Settling microbe	Code for construction and acceptance of cleanroom GB50591-2010 E.8		2022-10-13
		10	Clean-down capability	Code for construction and acceptance of cleanroom GB50591-2010 E.11		2022-10-13
		11	Air pattern	Code for construction and acceptance of cleanroom GB50591-2010 E.12		2022-10-13
		12	Formaldehyde concentration	Code for construction and acceptance of cleanroom GB50591-2010 E.13		2022-10-13
29	Hospital clean operating department	1	Airborne particles	Test method for airborne particles in clean room (zone) of the pharmaceutical industry GB/T16292-2010 4.5		2022-10-13
		2	Airborne microbe	Test method for Airborne microbe in clean room (zone) of the pharmaceutical industry GB/T16293-2010 4.5		2022-10-13
		3	Settling microbe	Test method for Airborne microbe in clean room (zone) of the pharmaceutical industry GB/T16294-2010 4.5		2022-10-13
		1	Airflow rate	Architectural technical code for hospital clean operating department GB50333-2013 13.3.7		2022-10-13
		2	Air change per hour	Architectural technical code for hospital clean operating department GB50333-2013 13.3.7		2022-10-13
		3	Filter leak detection	Architectural technical code for hospital clean operating department GB50333-2013 13.3.8		2022-10-13
		4	Static pressure difference	Architectural technical code for hospital clean operating department GB50333-2013 13.3.10		2022-10-13
		5	Air cleanliness	Architectural technical code for hospital clean operating department GB50333-2013 13.3.11		2022-10-13

No. CNAS L1423

第 23 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		6	Thermo hygrometer	Architectural technical code for hospital clean operating department GB50333-2013 13.3.12		2022-10-13
		7	Noise	Architectural technical code for hospital clean operating department GB50333-2013 13.3.13		2022-10-13
		8	Illuminance	Architectural technical code for hospital clean operating department GB50333-2013 13.3.14		2022-10-13
		9	Formaldehyde concentration	Architectural technical code for hospital clean operating department GB50333-2013 13.3.16		2022-10-13
30	coal	1	Total moisture in coal	Determination of total moisture in coal GB/T211-2017 7.1.1;7.1.3;7.2.2	Accredited only for Method A2 and Method B2	2022-10-13
		2	Moisture	Proximate analysis of coal GB/T212-2008 3.2	Except for 3.1 Method A	2022-10-13
		3	Ash	Proximate analysis of coal GB/T212-2008 4	Except for 4.2.1 Method A	2022-10-13
		4	Volatile matter	Proximate analysis of coal GB/T212-2008 5		2022-10-13
		5	Fixed carbon	Proximate analysis of coal GB/T212-2008 6		2022-10-13
		6	Tatal sulful in coal	Determination of total sulfur in coal GB/T214-2007	Accredited only for Coulometric titration	2022-10-13
				Determination of total sulfur in coal by IR spectrometry GB/T 25214-2010 6		2022-10-13
		7	Calorific value of coal	Determination of calorific value of coal GB/T213-2008 8.4	Accredited only for 8.4	2022-10-13

No. CNAS L1423

第 24 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



No	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		No	Item/ Parameter			
				Automatic oxygen bomb calorimeter method		
31	*Biological safety cabinets	1	Personal protection	SCHEDULE OF ACCREDITATION CERTIFICATE Class II biological safety cabinets YY0569-2011 6.3.6.3.3	Accredited only for potassium iodide method	2022-10-13
		2	Noise	Class II biological safety cabinets YY0569-2011 6.3.3.3		2022-10-13
		3	downflow air speed	Class II biological safety cabinets YY0569-2011 6.3.7.3		2022-10-13
		4	inflow air speed	Class II biological safety cabinets YY0569-2011 6.3.8.4	Accredited only for anemometer method	2022-10-13
		5	Illuminance	Class II biological safety cabinets YY0569-2011 6.3.4.3		2022-10-13
		6	Vibration	Class II biological safety cabinets YY0569-2011 6.3.5.3		2022-10-13
		7	Temperature rise	Class II biological safety cabinets YY0569-2011 6.3.12.2		2022-10-13
		8	UV lamp	Class II biological safety cabinets YY0569-2011 6.3.14.3		2022-10-13
		9	High/ultra-high efficiency filter leak detection	Class II biological safety cabinets YY0569-2011 6.3.2.4		2022-10-13
32	*Clean Bench	1	leak scan test	Clean bench JG/T 292-2010 7.4.4.1		2022-10-13

No. CNAS L1423

第 25 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		2	Ejector Function	Clean bench JG/T 292-2010 7.4.4.2		2022-10-13
		3	Wind Speed	Clean bench JG/T 292-2010 7.4.4.3		2022-10-13
		4	Air Volume	Clean bench JG/T 292-2010 7.4.4.5		2022-10-13
		5	Air Cleanliness	Clean bench JG/T 292-2010 7.4.4.6		2022-10-13
		6	Noise	Clean bench JG/T 292-2010 7.4.4.8		2022-10-13
		7	Illuminance	Clean bench JG/T 292-2010 7.4.4.9		2022-10-13
		8	Amplitude of Vibration	Clean bench JG/T 292-2010 7.4.4.10		2022-10-13
		Energy Saving Detect				
1	Industrial boiler	1	Thermal efficiency	Thermal performance test code for industrial boilers GB/T10180-2017 8.1		2022-10-13
		2	Funnel temperature	Monitoring and testing method for energy saving of coal fired industrial boilers GB/T15317-2009 8.1		2022-10-13
		3	Air surplus coefficient	Monitoring and testing method for energy saving of coal fired industrial boilers GB/T15317-2009 8.1		2022-10-13
		4	Unburned combustible in slag	Monitoring and testing method for energy saving of coal fired industrial boilers GB/T15317-2009 8.1	已确认	2022-10-13
		5	Surface temperature	Monitoring and testing method for energy saving of coal fired industrial boilers GB/T15317-2009 8.1	已确认	2022-10-13
2	Flame heating furnace	1	Funnel temperature	Monitoring and testing method for energy saving of flame heating furnace GB/T15319-1994 4.4	已确认	2022-10-13
		2	Air surplus coefficient	Monitoring and testing method for energy saving of flame heating furnace GB/T15319-1994 4.5	已确认	2022-10-13

No. CNAS L1423

第 26 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		3	Unburned combustible in slag	Monitoring and testing method for energy saving of flame heating furnace GB/T15319-1994 4.6		2022-10-13
		4	Surface temperature	Monitoring and testing method for energy saving of flame heating furnace GB/T15319-1994 4.7		2022-10-13
		5	Comparable unit burnup	Monitoring and testing method for energy saving of flame heating furnace GB/T15319-1994 4.8		2022-10-13
3	Heat transmission and distribution system	1	Insulation structure surface temperature rise	Monitoring and testing method for energy saving of heat transmission and distribution system GB/T15910-2009 5.4		2022-10-13
		2	Steam leak rate of drain valve	Monitoring and testing method for energy saving of heat transmission and distribution system GB/T15910-2009 5.5		2022-10-13
4	Electroheat device in industry	1	Efficiency electric energy	Monitoring and testing method for energy saving of industrial electroheat devices GB/T15911-2021 6.1		2022-10-13
		2	ratio of no-load power loss to rated power	Monitoring and testing method for energy saving of industrial electroheat devices GB/T15911-2021 6.2.1		2022-10-13
		3	Surface temperature rise	Monitoring and testing method for energy saving of industrial electroheat devices GB/T15911-2021 6.2.2		2022-10-13
5	Three-phase induction motor	1	Input active power	Three-phase induction motor's economic operation GB/T12497-2006 7		2022-10-13
		2	Power factor	Three-phase induction motor's economic operation GB/T12497-2006 7		2022-10-13
		3	Input voltage	Three-phase induction motor's economic operation GB/T12497-2006 7		2022-10-13
		4	Input current	Three-phase induction motor's economic operation GB/T12497-2006 7		2022-10-13
6	Fan unit and distribution tube system	1	Utilization of power of fan unit	Monitoring and testing method for energy saving of fan unit and distribution tube system GB/T15913-2009 5		2022-10-13
		2	Motor load rate	Monitoring and testing method for energy saving of fan unit and distribution tube system GB/T15913-2009 5		2022-10-13



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
7	Air compressor unit and air distribution system	1	temperature	Monitoring and testing method for energy saving of air compressor unit and air distribution system GB/T16665-2017 5.6		2022-10-13
		2	pressure	Monitoring and testing method for energy saving of air compressor unit and air distribution system GB/T16665-2017 5.6		2022-10-13
		3	power consumption	Monitoring and testing method for energy saving of air compressor unit and air distribution system GB/T16665-2017 5.6		2022-10-13
		4	rate of flow	Monitoring and testing method for energy saving of air compressor unit and air distribution system GB/T16665-2017 5.6		2022-10-13
		5	Dew point	Monitoring and testing for energy saving of air compressor unit and air distribution system GB/T16665-2017 5.6		2022-10-13
8	Motor-pump liquid transport system	1	Load ratio of motor	Monitoring and testing for motor-pump liquid transport system GB/T16666-2012 6		2022-10-13
		2	Pumps efficiency	Monitoring and testing for motor-pump liquid transport system GB/T16666-2012 6		2022-10-13
		3	ton·hectometer power consumption	Monitoring and testing for motor-pump liquid transport system GB/T16666-2012 6		2022-10-13
9	Power supply distribution system of industrial enterprise	1	Daily load factor	Monitoring and testing method for energy saving of power supply distribution system of industrial enterprise GB/T16664-1996 4.3		2022-10-13
		2	Transformer load coefficient	Monitoring and testing method for energy saving of power supply distribution system of industrial enterprise GB/T16664-1996 4.4		2022-10-13
		3	Line loss rate	Monitoring and testing method for energy saving of power supply distribution system of industrial enterprise GB/T16664-1996 4.5		2022-10-13
		4	Enterprise electricity system power factor	Monitoring and testing method for energy saving of power supply distribution system of industrial enterprise GB/T16664-1996 4.6		2022-10-13
10	Architectural lighting	1	Illuminance	Measurement methods for lighting GB/T 5700-2008 6.1		2022-10-13
		2	Uniformity ratio of illuminance	Measurement methods for lighting GB/T 5700-2008 6.1		2022-10-13



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		3	Lighting power density	Measurement methods for lighting GB/T 5700-2008 6.6		2022-10-13
measuring device (detection device)						
1	Hydraulic Universal Testing Machine	1	Coaxiality	Hydraulic universal testing machines GB/T 3159-2008 6.3.3		2022-10-13
		2	Force value	Hydraulic universal testing machines GB/T 3159-2008 6.3		2022-10-13
		3	hardness	Hydraulic universal testing machines GB/T 3159-2008 6.3.5		2022-10-13
		4	Surface roughness	Hydraulic universal testing machines GB/T 3159-2008 6.3.7		2022-10-13
		5	Noise	Hydraulic universal testing machines GB/T 3159-2008 6.9		2022-10-13
2	Seismograph	1	Sensitivity	"Technical requirements of instruments in network for earthquake monitoring --Seismograph" DB/T 22-2020 A.6		2022-10-13
		2	Amplitude-frequency characteristic	"Technical requirements of instruments in network for earthquake monitoring --Seismograph" DB/T 22-2020 A.8		2022-10-13
		3	linearity	"Technical requirements of instruments in network for earthquake monitoring --Seismograph" DB/T 22-2020 A.9		2022-10-13
3	High-Temperature Creep and Stress-Rupture Testing Machines	1	Force	Verification of static uniaxial testing machinesPart 2:Tension creep testing machines— Verification of the applied Force GB/T 16825.2-2018/ISO 7500-2:2006 5	中国合格评定国家认可委员会 CNAS	2022-10-13
4	Driving Test System	1	Pole or pole size, return and swing of test field	Items and Methods of Driving Test(Field Driving Test Section) T/CMA JD023—2020 4.1	认可专用章 No. CNAS L1423	2022-10-13



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		2	Road edge width of test field	Items and Methods of Driving Test(Field Driving Test Section) T/CMA JD023—2020 4.1		2022-10-13
		3	Location line width of test field	Items and Methods of Driving Test(Field Driving Test Section) T/CMA JD023—2020 4.1		2022-10-13
		4	Exam item graphic size of test field	Items and Methods of Driving Test(Field Driving Test Section) T/CMA JD023—2020 4.1		2022-10-13
		5	Slope of test field	Items and Methods of Driving Test(Field Driving Test Section) T/CMA JD023—2020 4.1		2022-10-13
		6	Paying coefficient of test field	Items and Methods of Driving Test(Field Driving Test Section) T/CMA JD023—2020 4.1		2022-10-13
		7	Body (wheel) to sideline distance of field driving test system	Items and Methods of Driving Test(Field Driving Test Section) T/CMA JD023—2020 4.2		2022-10-13
		8	Distance from front bumper of car to pole line of field driving test system	Items and Methods of Driving Test(Field Driving Test Section) T/CMA JD023—2020 4.2		2022-10-13
		9	Distance from front axle of motorcycle to pole line of field	Items and Methods of Driving Test(Field Driving Test Section) T/CMA JD023—2020 4.2		2022-10-13
		10	Vehicle back slip distance field driving test system	Items and Methods of Driving Test(Field Driving Test Section) T/CMA JD023—2020 4.2	国合标志 认可证书专用章	2022-10-13
		11	Project completion time of field driving test system	Items and Methods of Driving Test(Field Driving Test Section) T/CMA JD023—2020 4.2	国合标志 认可证书专用章	2022-10-13
		12	Stopover time of field driving test	Items and Methods of Driving Test(Field Driving Test Section) T/CMA JD023—2020 4.2	国合标志 认可证书专用章	2022-10-13

No. CNAS L1423

第 30 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
5	Electronic Testing Machine		system			
		13	Vehicle start time of field driving test system	Items and Methods of Driving Test(Field Driving Test Section) T/CMA JD023—2020 4.2		2022-10-13
		14	Vehicle speed of field driving test system	Items and Methods of Driving Test(Field Driving Test Section) T/CMA JD023—2020 4.2		2022-10-13
6	General Pressure Gauge	1	Surface roughness	Electronic universal testing machine GB/T 16491-2008 6.3.3		2022-10-13
		2	Surface roughness	Electronic universal testing machine GB/T 16491-2008 6.3.6		2022-10-13
		3	Force value	Electronic universal testing machine GB/T 16491-2008 6.4		2022-10-13
		4	deformation	Electronic universal testing machine GB/T 16491-2008 6.5		2022-10-13
		5	hardness	Electronic universal testing machine GB/T 16491-2008 6.3.7		2022-10-13
		6	Noise	Electronic universal testing machine GB/T 16491-2008 6.11		2022-10-13
6	General Pressure Gauge	1	appearance	General pressure gauge GB/T1226-2017 6.13		2022-10-13
		2	Basic error	General pressure gauge GB/T1226-2017 6.5		2022-10-13
		3	Return difference	General pressure gauge GB/T1226-2017 6.6		2022-10-13
		4	Stationarity of pointer deflection	General pressure gauge GB/T1226-2017 6.7		2022-10-13
		5	Tapping displacement	General pressure gauge GB/T1226-2017 6.8		2022-10-13
		6	over-pressure	General pressure gauge GB/T1226-2017 6.10		2022-10-13

No. CNAS L1423

第 31 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
7	Industrial Platinum Resistance Thermometer sensor	7	temperature	General pressure gauge GB/T1226-2017 6.9		2022-10-13
		8	cyclic pressure	General pressure gauge GB/T1226-2017 6.44		2022-10-13
		9	work environment vibration resistance	General pressure gauge GB/T1226-2017 6.14		2022-10-13
		10	transportation environment resistance	General pressure gauge GB/T1226-2017 6.15		2022-10-13
7	Industrial Platinum Resistance Thermometer sensor	1	Sheath integrity test	Industrial platinum resistance thermometers and platinum temperature sensors GB/T 30121-2013 6.3.2		2022-10-13
		2	Tolerance acceptance test	Industrial platinum resistance thermometers and platinum temperature sensors GB/T 30121-2013 6.3.4		2022-10-13
		3	Vibration test	Industrial platinum resistance thermometers and platinum temperature sensors GB/T 30121-2013 6.6.4		2022-10-13
		4	Drop test	Industrial platinum resistance thermometers and platinum temperature sensors GB/T 30121-2013 6.6.5		2022-10-13
		5	Insulation resistance at ambient temperature	Industrial platinum resistance thermometers and platinum temperature sensors GB/T 30121-2013 6.3.1		2022-10-13
		6	Insulation resistance at elevated temperatures	Industrial platinum resistance thermometers and platinum temperature sensors GB/T 30121-2013 6.5.1		2022-10-13
		7	Thermal response time	Specification and reference table for industrial platinum resistance thermometer sensor GB/T 30121-2013 6.5.2	符合性 确认	2022-10-13
		8	Thermoelectric effect	Industrial platinum resistance thermometers and platinum temperature sensors GB/T 30121-2013 6.5.4	符合性 确认	2022-10-13
		9	Self-heating	Industrial platinum resistance thermometers and platinum temperature sensors GB/T 30121-2013 6.5.7	符合性 确认	2022-10-13
		10	Minimum	Industrial platinum resistance thermometers and platinum		2022-10-13

No. CNAS L1423

第 32 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			immersion depth	temperature sensors GB/T 30121-2013 6.5.8		
		11	Effect of temperature cycling	Industrial platinum resistance thermometers and platinum temperature sensors GB/T 30121-2013 6.5.5		2022-10-13
8	Industrial Thermocouple assemblies	1	Outward appearance	Industrial thermocouple assemblies GB/T30429-2013 6.1		2022-10-13
		2	Allowable tolerance	Industrial thermocouple assemblies GB/T30429-2013 6.2		2022-10-13
		3	Insulation Resistance	Industrial thermocouple assemblies GB/T30429-2013 6.3		2022-10-13
		4	Thermal response time	Industrial thermocouple assemblies GB/T30429-2013 6.5		2022-10-13
		5	Environmental impact of transportation	Industrial thermocouple assemblies GB/T30429-2013 6.6		2022-10-13
9	Noise source	1	Sound power levels	Acoustics-Determination of sound power levels of noise sources using sound pressure-Precision methods for reverberation rooms GB/T 6881.1-2002 8		2022-10-13
				Acoustics-Determination of sound power levels and sound energy levels of noise sources using sound pressure-Precision methods for anechoic rooms and hemi-anechoic rooms GB/T 6882-2016 9		2022-10-13
10	Acoustics materials	1	Sound absorption coefficient	Acoustics-Measurement of sound absorption in a reverberation room GB/T 20247-2006 7		2022-10-13
		2	Sound absorption area	Acoustics-Measurement of sound absorption in a reverberation room GB/T 20247-2006 7		2022-10-13
11	buildings and building elements	1	Sound reduction index	Acoustics-Measurement of sound insulation in buildings and of building elements-Part3:Laboratory measurements of airborne sound insulation of building elements GB/T 19889.3-2005 6		2022-10-13
12	composite cylinders for breathing	1	Hydraulic test	Periodic inspection and evaluation of composite cylinders for breathing apparatus GB/T 24161-2009 9		2022-10-13

No. CNAS L1423

第 33 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
	apparatus	2	Inspection of Gas Cylinder Valve	Periodic inspection and evaluation of composite cylinders for breathing apparatus GB/T 24161-2009 11.1		2022-10-13
		3	Air Tightness test	Periodic inspection and evaluation of composite cylinders for breathing apparatus GB/T24161-2009 12		2022-10-13
13	Safety Valve	1	Setting pressure	Safety Technical Supervision Regulations for safety valves TSG ZF001-2006 attachment E3.2		2022-10-13
		2	Air Tightness	Safety Technical Supervision Regulations for safety valves TSG ZF001-2006 attachment E3.3		2022-10-13
14	Damp heat testing equipments	1	temperature deviation	Inspection methods for environmental testing equipments for electric and electric products-Part 5: Damp heat testing equipments GB/T5170.5-2016 8.1		2022-10-13
		2	temperature fluctuation	Inspection methods for environmental testing equipments for electric and electric products-Part 5: Damp heat testing equipments GB/T5170.5-2016 8.2		2022-10-13
		3	temperature uniformity	Inspection methods for environmental testing equipments for electric and electric products-Part 5: Damp heat testing equipments GB/T5170.5-2016 8.4		2022-10-13
		4	temperature overshoot	Inspection methods for environmental testing equipments for electric and electric products-Part 5: Damp heat testing equipments GB/T5170.5-2016 8.9		2022-10-13
		5	recovery time of temperature over	Inspection methods for environmental testing equipments for electric and electric products-Part 5: Damp heat testing equipments GB/T5170.5-2016 8.10	国合评审员	2022-10-13
		6	relative humidity deviation	Inspection methods for environmental testing equipments for electric and electric products-Part 5: Damp heat testing equipments GB/T5170.5-2016 8.1	国合评审员	2022-10-13
		7	relative humidity fluctuation	Inspection methods for environmental testing equipments for electric and electric products-Part 5: Damp heat testing equipments GB/T5170.5-2016 8.3	认可证书专用章	2022-10-13

No. CNAS L1423

第 34 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
15	Tightness of Pressure Vessel	8	relative humidity uniformity	Inspection methods for environmental testing equipments for electric and electric products-Part 5: Damp heat testing equipments GB/T5170.5-2016 8.5		2022-10-13
		9	relative humidity overshoot	Inspection methods for environmental testing equipments for electric and electric products-Part 5: Damp heat testing equipments GB/T5170.5-2016 8.9		2022-10-13
		10	recovery time of relative humidity over	Inspection methods for environmental testing equipments for electric and electric products-Part 5: Damp heat testing equipments GB/T5170.5-2016 8.10		2022-10-13
15	Tightness of Pressure Vessel	1	Tightness of Pressure Vessel	Testing Method for Tightness of Pressure Vessel ZB/JLY (Institute) 29—2022 7.2		2022-10-13
16	Temperature testing equipments	1	Temperature Deviation	Inspection methods for environmental testing equipments-Part 2:Temperature testing equipments GB/T 5170.2-2017 8.1		2022-10-13
		2	temperature fluctuation	Inspection methods for environmental testing equipments-Part 2:Temperature testing equipments GB/T 5170.2-2017 8.2		2022-10-13
		3	temperature uniformity	Inspection methods for environmental testing equipments-Part 2:Temperature testing equipments GB/T 5170.2-2017 8.3		2022-10-13
		4	temperature variation rate	Inspection methods for environmental testing equipments-Part 2:Temperature testing equipments GB/T 5170.2-2017 8.5		2022-10-13
		5	temperature average variation rate of 5 minute	Inspection methods for environmental testing equipments-Part 2:Temperature testing equipments GB/T 5170.2-2017 8.6		2022-10-13
		6	temperature overshoot	Inspection methods for environmental testing equipments-Part 2:Temperature testing equipments GB/T 5170.2-2017 8.8		2022-10-13
		7	recovery time of temperature over	Inspection methods for environmental testing equipments-Part 2:Temperature testing equipments GB/T 5170.2-2017 8.9		2022-10-13
17	Temperature-controlled vehicles for	1	Temperature distribution test	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 4.1.1、4.3.1		2022-10-13

No. CNAS L1423

第 35 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
pharmaceutical products cold chain		2	Accuracy test of the measurement point terminal of the temperature automatic monitoring system	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 4.1.2、4.3.3		2022-10-13
		3	Confirmation of temperature assurance capabilities under extreme environmental conditions	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 4.1.3		2022-10-13
		4	Temperature control facilities equipment operating parameters and use status test	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 4.1.4、4.3.10		2022-10-13
		5	Confirm the installation position of the measurement point terminal configured by the temperature monitoring system	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 4.1.5、4.3.6		2022-10-13
		6	The influence of the opening operation on the temperature distribution in the carriage	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 4.1.6、4.3.4		2022-10-13



No. CNAS L1423

第 36 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
18	Incubator for pharmaceutical products cold chain	7	Determine the thermal insulation performance and trend of the warehouse under the condition of equipment failure or external power supply interruption	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 4.1.7、4.3.5		2022-10-13
		1	Temperature distribution test	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 5.1.1、5.3.1.5		2022-10-13
		2	The refrigerant is equipped with a condition test for use	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 5.1.2、5.3.1.3		2022-10-13
		3	Accuracy test of the measurement point terminal of the temperature automatic monitoring system	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 5.1.3		2022-10-13
		4	Effects of temperature distribution and variation in the box of the unpacking team	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 5.1.4、5.3.1.7	中国合格评定国家认可委员会 认可证书专用章	2022-10-13
		5	Confirmation of temperature	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 5.1.5		2022-10-13



No. CNAS L1423

第 37 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
19	Temperature monitoring system for pharmaceutical products cold chain		assurance capabilities under extreme environmental conditions	34399-2017 5.1.5		
		6	Maximum shipping time verification	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 5.1.6、5.3.1.6		2022-10-13
		1	Temperature data acquisition, transmission, storage and alarm function confirmation	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 6.1.1、6.2.1		2022-10-13
		2	Monitoring equipment for measurement range and accuracy confirmation	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 6.1.2		2022-10-13
		3	Confirm the number and location of the terminal installation	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 6.1.3、6.2.6		2022-10-13
		4	Confirmation of no linkage between the system and the temperature control facility	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 6.1.4		2022-10-13
		5	The system can ensure real-time data monitoring,	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 6.1.5、6.2.8		2022-10-13

No. CNAS L1423

第 38 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



No.	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		No.	Item/ Parameter			
		1	recording, alarm and transmission function confirmation under the state of power off and computer shutdown	CHINA NATIONAL ACCREDITATION SERVICE FOR CONFORMITY ASSESSMENT SCHEDULE OF ACCREDITATION CERTIFICATE		
		6	Function confirmation that prevents users from tampering, deleting, and reverse importing data	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 6.1.6		2022-10-13
20	Cold storage for pharmaceutical products cold chain	1	Temperature distribution test	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 3.1.1、3.3.1		2022-10-13
		2	Accuracy test of the measurement point terminal of the temperature automatic monitoring system	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 3.1.2		2022-10-13
		3	Confirmation of temperature assurance capabilities under extreme environmental conditions	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 3.1.3	 国家认可委员会 认可证书专用章	2022-10-13



No. CNAS L1423

第 39 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		4	Temperature control facilities equipment operating parameters and use status test	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 3.1.4		2022-10-13
		5	Confirm the installation position of the measurement point terminal configured by the temperature monitoring system	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 3.1.5、3.3.3		2022-10-13
		6	The influence of the opening operation on the temperature distribution in the carriage	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 3.1.6、3.3.4		2022-10-13
		7	Determine the thermal insulation performance and trend of the warehouse under the condition of equipment failure or external power supply interruption	Temperature control facilities of pharmaceutical products cold chain logistics-Specification for performance qualification GB/T 34399-2017 3.1.7、3.3.5		2022-10-13
EMC						
1	Electro \Electric - product	1	Electrostatic discharge immunity test	Electromagnetic compatibility—Testing and measurement techniques—Electrostatic discharge immunity test GB/T 17626.2-2018		2022-10-13

No. CNAS L1423

第 40 页 共 51 页



The scope of the accreditation in Chinese remains the definitive version.

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
(EMC)		2	Radiated,radio-frequency,electromagnetic field immunity test	Electromagnetic compatibility—Testing and measurement techniques—Radiated,radio-frequency, electromagnetic field immunity test GB/T 17626.3-2016		2022-10-13
		3	Electrical fast transient/burst immunity test	Electromagnetic compatibility—Testing and measurement techniques—Electrical fast transient/burstimmunity test GB/T 17626.4-2018		2022-10-13
		4	Surge immunity test	Electromagnetic compatibility—Testing and measurement techniques—Surge immunity test GB/T 17626.5-2019		2022-10-13
		5	Immunity to conducted disturbances, induced by radio-frequency fields	Electromagnetic compatibility—Testing and measurement techniques—Immunity to conducted disturbances, induced by radio-frequency fields GB/T 17626.6-2017 8		2022-10-13
		6	Power frequency magnetic field immunity test	Electromagnetic compatibility—Testing and measurement techniques—Power frequency magnetic field immunity test GB/T 17626.8-2006		2022-10-13
		7	Voltage dips, short interruptions and voltage variations immunity test	Electromagnetic compatibility--Testing and measurement techniques--Voltage dips, short interruptions and voltage variations immunity test GB/T 17626.11-2008		2022-10-13
		8	Ring wave immunity test	Electromagnetic compatibility—Testing and measurement techniques—Ring wave immunity test GB/T 17626.12-2013		2022-10-13
		1	Disturbance voltages	Electromagnetic compatibility-Requirements for household appliances, electric tools and similar apparatus-Part 1:Emission GB 4343.1-2018	国合 认可	2022-10-13
2	Electrical motor-operated and thermal appliances for house-hold and similar	2	Disturbance powe	Electromagnetic compatibility-Requirements for household appliances, electric tools and similar apparatus-Part 1:Emission GB 4343.1-2018	认可 证书	2022-10-13



No. CNAS L1423

第 41 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
purposes,electr ic tools and similar electric apparatus (EMC)		3	Electrostatic discharge	Electromagnetic compatibility-Requirements for household appliances, electric tools and similar apparatus-Part 2:Immunity GB/T 4343.2-2020		2022-10-13
		4	Fast transient	Electromagnetic compatibility-Requirements for household appliances, electric tools and similar apparatus-Part 2:Immunity GB/T 4343.2-2020		2022-10-13
		5	Injected current(Conducted Immunity)	Electromagnetic compatibility-Requirements for household appliances, electric tools and similar apparatus-Part 2:Immunity GB/T 4343.2-2020		2022-10-13
		6	Radio frequency electromagnetic fields	Electromagnetic compatibility-Requirements for household appliances, electric tools and similar apparatus-Part 2:Immunity GB/T 4343.2-2020		2022-10-13
		7	Surges	Electromagnetic compatibility-Requirements for household appliances, electric tools and similar apparatus-Part 2:Immunity GB/T 4343.2-2020		2022-10-13
		8	Voltage dips and interruptions	Electromagnetic compatibility-Requirements for household appliances, electric tools and similar apparatus-Part 2:Immunity GB/T 4343.2-2020		2022-10-13
3	Information technology equipment (EMC)	1	Conducted disturbance	Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement GB 9254-2008		2022-10-13
		2	Radiated disturbance	Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement GB 9254-2008		2022-10-13
		3	Electrostatic discharge	Information technology equipment—Immunity characteristics—Limits and methods of measurement GB/T 17618-2015		2022-10-13
		4	Fast transients	Information technology equipment—Immunity characteristics—Limits and methods of measurement GB/T 17618-2015		2022-10-13
		5	Radio-frequency electromagnetic	Information technology equipment—Immunity characteristics—Limits and methods of measurement GB/T 17618-2015		2022-10-13

No. CNAS L1423

第 42 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
	Industrial, scientific and medical (ISM) radio-frequency equipment (EMC)		field			
		6	Radio-frequency continuous conducted	Information technology equipment—Immunity characteristics—Limits and methods of measurement GB/T 17618-2015		2022-10-13
		7	Power-frequency magnetic field	Information technology equipment—Immunity characteristics—Limits and methods of measurement GB/T 17618-2015		2022-10-13
		8	Surges	Information technology equipment—Immunity characteristics—Limits and methods of measurement GB/T 17618-2015		2022-10-13
		9	Voltage dips and interruptions	Information technology equipment—Immunity characteristics—Limits and methods of measurement GB/T 17618-2015		2022-10-13
4	Industrial, scientific and medical (ISM) radio-frequency equipment (EMC)	1	Mains terminal disturbance voltage	Industrial, scientific and medical equipment-Radio-frequency disturbance characteristics- Limits and methods of measurement GB 4824-2019		2022-10-13
		2	Radiated disturbance	Industrial, scientific and medical equipment-Radio-frequency disturbance characteristics- Limits and methods of measurement GB 4824-2019		2022-10-13
5	Electrical lighting and similar equipment (EMC)	1	Disturbance voltage	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment GB/T 17743-2017 9		2022-10-13
		2	Radiated magnetic field disturbance	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment GB/T 17743-2017 9		2022-10-13
		3	Electrostatic discharge	Equipment for general lighting purposes EMC immunity requirements GB/T 18595-2014		2022-10-13
		4	Radio-frequency electromagnetic field	Equipment for general lighting purposes EMC immunity requirements GB/T 18595-2014		2022-10-13



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
	Road vehicles Component (EMC)	5	Power-frequency magnetic field	Equipment for general lighting purposes EMC immunity requirements GB/T 18595-2014		2022-10-13
		6	Fast transients	Equipment for general lighting purposes EMC immunity requirements GB/T 18595-2014		2022-10-13
		7	Injected current	Equipment for general lighting purposes EMC immunity requirements GB/T 18595-2014		2022-10-13
		8	Surges	Equipment for general lighting purposes EMC immunity requirements GB/T 18595-2014		2022-10-13
		9	Voltage dips and interruptions	Equipment for general lighting purposes EMC immunity requirements GB/T 18595-2014		2022-10-13
6	Road vehicles Component (EMC)	1	Electrical disturbances from narrowband radiated electromagnetic energy test (Absorber-lined shielded enclosure)	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 2: Absorber-lined shielded enclosure ISO 11452-2:2004		2022-10-13
		2	Electrical disturbances from narrowband radiated electromagnetic energy test (BCI)	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 4: Harness excitation methods ISO 11452-4:2011		2022-10-13
		3	Electrical disturbances from narrowband radiated electromagnetic energy test (Immunity to Magnetic field)	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 8: Immunity to magnetic fields ISO 11452-8:2015	中国合格评定国家认可委员会 认可	2022-10-13

No. CNAS L1423



第 44 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
	Products of residential,com mercial and light-industrial environments (EMC)	4	Electrical transient conducted immunity	Road vehicles - Electrical disturbances from conduction and coupling - Part 2: Electrical transient conduction along supply lines only GB/T 21437.2-2008		2022-10-13
		5	Electrical transient conducted immunity other than supply lines	Road vehicles - Electrical disturbances from conduction and coupling - Part 3: Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines GB/T 21437.3-2012		2022-10-13
		6	Measurement of radio disturbance characteristics for the protection of receivers used on board vehicles	Vehicles, boats and internal combustion engines—Radio disturbance characteristics—Limits and methods of measurement for the protection of on-board receivers GB/T 18655-2018 5		2022-10-13
		7	Electrostatic discharge	Road vehicles—Disturbances test methods for electrical/electronic component from electrostatic discharge GB/T 19951-2019		2022-10-13
7	Products of residential,com mercial and light-industrial environments (EMC)	1	Electrostatic discharge immunity test	Electromagnetic compatibility—Generic standards—Immunity for residential,commercial and light-industrial environments GB/T 17799.1-2017 8		2022-10-13
		2	Radiated disturbance immunity test	Electromagnetic compatibility—Generic standards—Immunity for residential,commercial and light-industrial environments GB/T 17799.1-2017 8		2022-10-13
		3	Electrical fast transient/burst immunity test	Electromagnetic compatibility—Generic standards—Immunity for residential,commercial and light-industrial environments GB/T 17799.1-2017 8		2022-10-13
		4	Surge immunity test	Electromagnetic compatibility—Generic standards—Immunity for residential,commercial and light-industrial environments GB/T 17799.1-2017 8		2022-10-13
		5	Immunity to conducted	Electromagnetic compatibility—Generic standards—Immunity for residential,commercial and light-industrial environments		2022-10-13

No. CNAS L1423

第 45 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
	Products of industrial environments (EMC)		disturbances, induced by radio-frequency fields	GB/T 17799.1-2017 8		
		6	Power frequency magnetic field immunity test	Electromagnetic compatibility—Generic standards—Immunity for residential, commercial and light-industrial environments GB/T 17799.1-2017 8		2022-10-13
		7	Voltage dips, short interruptions and voltage variations immunity test	Electromagnetic compatibility—Generic standards—Immunity for residential, commercial and light-industrial environments GB/T 17799.1-2017 8		2022-10-13
		8	Conducted disturbance	Electromagnetic compatibility (EMC) — Generic standards—Emission standard for residential, commercial and light-industrial environments GB 17799.3-2012		2022-10-13
		9	Radiated disturbance	Electromagnetic compatibility (EMC) — Generic standards—Emission standard for residential, commercial and light-industrial environments GB 17799.3-2012		2022-10-13
	Products of industrial environments (EMC)	1	Electrostatic discharge immunity test	Electromagnetic compatibility—Generic standards—Immunity for industrial environments GB/T 17799.2-2003		2022-10-13
		2	Radiated disturbance immunity test	Electromagnetic compatibility—Generic standards—Immunity for industrial environments GB/T 17799.2-2003		2022-10-13
		3	Electrical fast transient/burst immunity test	Electromagnetic compatibility—Generic standards—Immunity for industrial environments GB/T 17799.2-2003	国合标志	2022-10-13
		4	Surge immunity test	Electromagnetic compatibility—Generic standards—Immunity for industrial environments GB/T 17799.2-2003	认可标志	2022-10-13
		5	Immunity to conducted disturbances,	Electromagnetic compatibility—Generic standards—Immunity for industrial environments GB/T 17799.2-2003		2022-10-13

No. CNAS L1423



第 46 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.

№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
6	CHINA NATIONAL ACCREDITATION SERVICE FOR INDUSTRY ASSESSMENT SCHEDULE OF ACCREDITATION CERTIFICATE		induced by radio-frequency fields			
		6	Power frequency magnetic field immunity test	Electromagnetic compatibility—Generic standards—Immunity for industrial environments GB/T 17799.2-2003		2022-10-13
		7	Voltage dips, short interruptions and voltage variations immunity test	Electromagnetic compatibility—Generic standards—Immunity for industrial environments GB/T 17799.2-2003		2022-10-13
		8	Conducted disturbance	Electromagnetic compatibility (EMC) — Generic standards—Emission standard for Industrial environments GB 17799.4-2012		2022-10-13
		9	Radiated disturbance	Electromagnetic compatibility (EMC) — Generic standards—Emission standard for Industrial environments GB 17799.4-2012		2022-10-13
9	Electrical equipment for measurement, control and laboratory use (EMC)	1	Conducted Emission	Electrical equipment for measurement, control and laboratory use-EMC requirements-Part 1:General requirements GB/T 18268.1-2010		2022-10-13
		2	Radiated Emission	Electrical equipment for measurement, control and laboratory use-EMC requirements-Part 1:General requirements GB/T 18268.1-2010		2022-10-13
		3	Electrostatic Discharge Immunity	Electrical equipment for measurement, control and laboratory use-EMC requirements-Part 1:General requirements GB/T 18268.1-2010		2022-10-13
		4	Radiated Immunity	Electrical equipment for measurement, control and laboratory use-EMC requirements-Part 1:General requirements GB/T 18268.1-2010		2022-10-13
		5	Electrical Fast Transient / Burst Immunity	Electrical equipment for measurement, control and laboratory use-EMC requirements-Part 1:General requirements GB/T 18268.1-2010		2022-10-13
		6	Surge	Electrical equipment for measurement, control and laboratory use-EMC requirements-Part 1:General requirements GB/T 18268.1-2010		2022-10-13

No. CNAS L1423

第 47 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
				18268.1-2010		
		7	Conducted Immunity	Electrical equipment for measurement, control and laboratory use-EMC requirements-Part 1:General requirements Electrical equipment for measurement, control and laboratory use-EMC requirements-Part 1:General requirements GB/T 18268.1-2010		2022-10-13
		8	Power frequency magnetic field immunity	Electrical equipment for measurement, control and laboratory use-EMC requirements-Part 1:General requirements GB/T 18268.1-2010		2022-10-13
		9	Dips	Electrical equipment for measurement, control and laboratory use-EMC requirements-Part 1:General requirements GB/T 18268.1-2010		2022-10-13
10	Medical electrical equipment (EMC)	1	Radiated Emission	Medical electrical equipment-Part1-2:General requirements for basic safety and essential performance-Collateral standard:Electromagnetic compatibility-Requirements and tests YY 0505-2012		2022-10-13
		2	Electrostatic Discharge Immunity	Medical electrical equipment-Part1-2:General requirements for basic safety and essential performance-Collateral standard:Electromagnetic compatibility-Requirements and tests YY 0505-2012		2022-10-13
		3	Radiated Immunity	Medical electrical equipment-Part1-2:General requirements for basic safety and essential performance-Collateral standard:Electromagnetic compatibility-Requirements and tests YY 0505-2012	国电委 认可 书专用章	2022-10-13
		4	Electrical Fast Transient / Burst Immunity	Medical electrical equipment-Part1-2:General requirements for basic safety and essential performance-Collateral standard:Electromagnetic compatibility-Requirements and tests YY 0505-2012	国电委 认可 书专用章	2022-10-13
		5	Surge	Medical electrical equipment-Part1-2:General requirements for basic safety and essential performance-Collateral		2022-10-13

No. CNAS L1423

第 48 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
6	Conducted Immunity			standard:Electromagnetic compatibility-Requirements and tests YY 0505-2012		
		7	Dips	Medical electrical equipment-Part1-2:General requirements for basic safety and essential performance-Collateral standard:Electromagnetic compatibility-Requirements and tests YY 0505-2012		2022-10-13
		8	Power frequency magnetic field immunity	Medical electrical equipment-Part1-2:General requirements for basic safety and essential performance-Collateral standard:Electromagnetic compatibility-Requirements and tests YY 0505-2012		2022-10-13
		9	Electrical transient conduction along supply lines	Medical electrical equipment-Part1-2:General requirements for basic safety and essential performance-Collateral standard:Electromagnetic compatibility-Requirements and tests YY 0505-2012		2022-10-13
		Mechanical				
1	Machine Tool	1	Repeatability positioning	Test code for machine tools-Part 2: Determination of accuracy and repeatability positioning numerically controlled axes GB/T17421.2-2016 4.3		2022-10-13
		2	Determination of accuracy	Test code for machine tools-Part 2: Determination of accuracy and repeatability positioning numerically controlled axes GB/T17421.2-2016 4.3		2022-10-13
2	mechanical parts	1	Length	Geometrical Product Specifications(GPS)-Inspection of plain workpiece sizes GB/T 3177-2009 5.1		2022-10-13
		2	Angle	General tolerances Tolerances for linear and angular dimensions without individual tolerance indications GB/ T1804-2000 5.2		2022-10-13

No. CNAS L1423

第 49 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
		3	Shape tolerance	Geometrical product Specifications(GPS)-Geometrical tolerance-Verification GB/T 1958-2017 appendix C		2022-10-13
		4	Location tolerance	Geometrical product Specifications(GPS)-Geometrical tolerance-Verification GB/T 1958-2017 appendix C		2022-10-13
		5	Surface Roughness	Geometrical product Specifications(GPS)-Surface texture : Profile method-Rules and procedures for the assessment of surface texture GB/T 10610-2009 6.2		2022-10-13
		6	Roundness	Geometrical product Specifications(GPS)-Geometrical tolerance-Verification GB/T 1958-2017 appendix C		2022-10-13
3	Industrial robots	1	Distance accuracy and repeatability	Industrial robots-Performance criteria and related test methods GB/T12642-2013 7.3		2022-10-13
		2	Posture accuracy and posture repeatability	Industrial robots -Performance criteria and related test methods GB/T12642-2013 7.2		2022-10-13
		3	Position stabilization time	Industrial robots-Performance criteria and related test methods GB/T12642-2013 7.4		2022-10-13
		4	Position overshoot	Industrial robots-Performance criteria and related test methods GB/T12642-2013 7.5		2022-10-13
		5	Posture characteristic drift	Industrial robots-Performance criteria and related test methods GB/T12642-2013 7.6		2022-10-13
		6	Interchangeability	Industrial robots-Performance criteria and related test methods GB/T12642-2013 7.7		2022-10-13
		7	Trajectory characteristics	Industrial robots-Performance criteria and related test methods GB/T12642-2013 8	四合一体验室 认可证书专用章	2022-10-13
		8	Minimum positioning time	Industrial robots-Performance criteria and related test methods GB/T12642-2013 9	四合一体验室 认可证书专用章	2022-10-13
Others						
1	Disintegration tester	1	Up and down moving distance of	Disintegration tester JB/T 20077-2013 5.3.2		2022-10-13

No. CNAS L1423

第 50 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.



№	Test Object	Item/Parameter		Standard or Method	Note	Effective Date
		№	Item/ Parameter			
			disintegrated basket			
		2	Distance between drying net and bottom of beaker	Disintegration tester JB/T 20077-2013 5.3.3		2022-10-13
		3	Round trip frequency of disintegrated basket	Disintegration tester JB/T 20077-2013 5.3.4		2022-10-13
		4	Disintegrant temperature	Disintegration tester JB/T 20077-2013 5.3.5		2022-10-13
		5	Timer timing error	Disintegration tester JB/T 20077-2013 5.3.6		2022-10-13



No. CNAS L1423



第 51 页 共 51 页

The scope of the accreditation in Chinese remains the definitive version.