

Name: Center for Advanced Metering Infrastructure (Center for Metrology Testing and Calibration), National Institute of Metrology, China

Address: No.18, Beisanhuan East Road, Chaoyang District, Beijing, China

Registration No. CNAS PT0037

Accreditation Criteria: ISO/IEC 17043:2010 and relevant requirements of CNAS

Effective Date: 2024-03-15 Expiry Date: 2030-01-05

SCHEDULE 2 ACCREDITED PROFICIENCY TESTING SCOPE FOR TESTING

№	Sample	Item/Parameter		Note	Effective Date
		№	Item/Parameter		
1	Sample for harmonic current emission	1	Harmonic current emission		2024-03-15
2	Sample for conducted disturbance	1	Conducted disturbance		2024-03-15
3	Sample for radiated disturbance	1	Radiated disturbance		2024-03-15
4	Sample for conducted emission of automotive electron	1	Conducted Emission of Automotive Electron		2024-03-15
5	Sample for emission of automotive electron radiation	1	Radiated Emission of Automotive Electron		2024-03-15
6	Sample for immunity to conducted disturbances, induced by radio-frequency fields	1	Immunity to conducted disturbances, induced by radio-frequency fields		2024-03-15



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№	Sample	Item/Parameter		Note	Effective Date
		№	Item/Parameter		
7	Electromagnetic radiation source	1	Electromagnetic radiation environment (RF field strength)		2024-03-15
8	Sample for radiation spurious test	1	Radiated Spurious Emission		2024-03-15
9	Mobile phone	1	Radio-frequency performance for wireless terminal: power,occupied bandwidth		2024-03-15
		2	SAR for mobile phone		2024-03-15
10	Tissue simulation liquid	1	Permittivity, conductivity of tissue simulation liquid for mobile phone SAR measurement		2024-03-15
11	Base station antenna	1	Antenna Gain, Standing Wave Ratio, Isolation		2024-03-15
12	Brightness,chroma device	1	Brightness/chroma testing for flat panel TV		2024-03-15
13	Flat panel TV	1	Energy efficiency testing for flat panel TV		2024-03-15
14	Air-conditioner	1	Energy efficiency/Refrigerating capacity/power consumption		2024-03-15
15	Photovoltaic Module	1	Short circuit current		2024-03-15
		2	Open circuit voltage		2024-03-15
		3	Maximum power		2024-03-15
16	Photovoltaic Power Station(Module)	1	Short circuit current under STC condition (outdoor detection)		2024-03-15
		2	Open circuit voltage under STC condition (outdoor detection)		2024-03-15
		3	Maximum power under STC condition (outdoor detection)		2024-03-15
17	Reference Cell	1	Short circuit current under standard test conditions		2024-03-15



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№	Sample	Item/Parameter		Note	Effective Date
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18	Glasses lens	1	Vertex power of Uncut finished spectacle lenses, transmittancy		2024-03-15
		2	Vertex power of Sunglasses, transmittancy		2024-03-15
		3	Vertex power of Assembled spectacles, transmittancy		2024-03-15
19	mineral oil	1	Cloud point	Only accredited for measurement audit	2024-03-15
		2	Kinematic viscosity and dynamic viscosity	Only accredited for measurement audit	2024-03-15
		3	Pour point	Only accredited for measurement audit	2024-03-15
		4	Open flash point		2024-03-15
		5	Closed flash point		2024-03-15
20	Solid material	1	Specific surface area		2024-03-15
21	Public WLAN equipment	1	Maximum equivalent omnidirectional radiation power,Occupied bandwidth		2024-03-15
22	mixed gas	1	Nitrous oxide in nitrogen (air)		2024-03-15
		2	Hydrogen sulfide in nitrogen		2024-03-15
		3	Nitric oxide, carbon monoxide, carbon dioxide and propane in nitrogen		2024-03-15
23	New Coronavirus false virus	1	Nucleic acid amplification		2024-03-15
24	Drinking water	1	colony count of Escherichia Coli		2024-03-15
25	Electrical steel strip and sheet	1	Magnetic properties		2024-03-15
26	Hard magnet and rare earth permanent magnet materials	1	Magnetic properties		2024-03-15



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№	Sample	Item/Parameter		Note	Effective Date
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27	Solid Materials	1	skeleton density		2024-03-15
28	isooctane	1	Sulfur content		2024-03-15
		2	Chlorine content		2024-03-15
29	Infant formula milk powder	1	Vitamin B12		2024-03-15
30	milk powder	1	Ferrum iron		2024-03-15
		2	Nitrate		2024-03-15
		3	perchlorate		2024-03-15
31	lotus root powder	1	lead		2024-03-15
32	vermicelli	1	aluminum		2024-03-15
33	infants complementary food	1	mercury		2024-03-15
34	leek powder	1	methamidophos		2024-03-15
		2	dichlorvos		2024-03-15
		3	acephate		2024-03-15
		4	chlorpyrifos		2024-03-15
		5	isocarbophos		2024-03-15
		6	isoprocarb		2024-03-15
		7	carbofuran		2024-03-15
		8	carbaryl		2024-03-15
		9	trifluralin		2024-03-15

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№	Sample	Item/Parameter		Note	Effective Date
		№	Item/Parameter		
		10	pendimethalin		2024-03-15
		11	imidacloprid		2024-03-15
		12	acetamiprid		2024-03-15
		13	bifenthrin		2024-03-15
		14	fenpropathrin		2024-03-15
		15	cypermethrin		2024-03-15
		16	procymidone		2024-03-15
		17	endosulfan		2024-03-15
		18	tebuconazole		2024-03-15
		19	quintozene		2024-03-15
		20	atrazine		2024-03-15
		21	ametryn		2024-03-15
		22	alachlor		2024-03-15
		23	metribuzin		2024-03-15
35	cucumber powder	1	methamidophos		2024-03-15
		2	dichlorvos		2024-03-15
		3	acephate		2024-03-15
		4	chlorpyrifos		2024-03-15
		5	isocarbophos		2024-03-15

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№	Sample	Item/Parameter		Note	Effective Date
		№	Item/Parameter		
		6	isoprocarb		2024-03-15
		7	carbofuran		2024-03-15
		8	carbaryl		2024-03-15
		9	trifluralin		2024-03-15
		10	pendimethalin		2024-03-15
		11	imidacloprid		2024-03-15
		12	acetamiprid		2024-03-15
		13	bifenthrin		2024-03-15
		14	fenpropathrin		2024-03-15
		15	lambda-cyhalothrin		2024-03-15
		16	cypermethrin		2024-03-15
		17	procymidone		2024-03-15
		18	endosulfan		2024-03-15
		19	tebuconazole		2024-03-15
		20	atrazine		2024-03-15
		21	ametryn		2024-03-15
		22	alachlor		2024-03-15
		23	metribuzin		2024-03-15
36	pork powder	1	salbutamol		2024-03-15

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№	Sample	Item/Parameter		Note	Effective Date
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37	fish powder	1	nitrofurantoin metabolites		2024-03-15
38	apple cider vinegar	1	sorbic acid		2024-03-15
39	oral solution	1	gliclazide		2024-03-15
		2	gliquidone		2024-03-15
40	peanut oil	1	aflatoxin B1		2024-03-15
41	brick tea	1	fluorine		2024-03-15
42	Water	1	H-3(Tritium)		2024-03-15
		2	Carbon-14		2024-03-15
		3	Gamma emitting radionuclides(Mn-54, Co-60, Cs-134, Cs-137)		2024-03-15
43	Components of Electrical Performance for Generic Cabling (Twisted Pair Cable)	1	Return Loss		2024-03-15
		2	Insertion Loss		2024-03-15
		3	Near End Crosstalk Attenuation (loss)		2024-03-15
		4	Attenuation to Crosstalk Ratio at the Far-end		2024-03-15
		5	Direct Current Loop Resistance		2024-03-15
		6	Propagation Delay		2024-03-15
44	chicken powder	1	Detection of Salmonella spp. in food		2024-03-15
45	flour	1	Enumeration of Staphylococcus aureus in food		2024-03-15
46	milk powder	1	Enumeration of microorganisms Colony-count in food		2024-03-15



№	Sample	Item/Parameter		Note	Effective Date
		№	Item/Parameter		
47	chicken	1	Detection of Listeria monocytogenes in food		2024-03-15
48	Distillate fuel	1	Research octane number of gasoline		2024-03-15
49	Source of sewer quality	1	voltage, current, power, frequency, harmonic		2024-03-15

SCHEDULE OF ACCREDITATION CERTIFICATE



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