

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 17043:2023 and relevant requirements of CNAS

Effective Date: 2026-03-30 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		2026-03-30
2	Sample for conducted disturbance	1	Conducted disturbance		2026-03-30
3	Sample for radiated disturbance	1	Radiated disturbance		2026-03-30
4	Sample for conducted emission of automotive electron	1	Conducted Emission of Automotive Electron		2026-03-30
5	Sample for emission of automotive electron radiation	1	Radiated Emission of Automotive Electron		2026-03-30
6	Sample for immunity to conducted disturbances, induced by radio-frequency fields	1	Immunity to conducted disturbances, induced by radio-frequency fields		2026-03-30



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№	Sample	Item/Parameter		Note	Effective Date
		№	Item/Parameter		
7	Electromagnetic radiation source	1	Electromagnetic radiation environment (RF field strength)		2026-03-30
8	Sample for radiation spurious test	1	Radiated Spurious Emission		2026-03-30
9	Mobile phone	1	Radio-frequency performance for wireless terminal: power,occupied bandwidth		2026-03-30
		2	SAR for mobile phone		2026-03-30
10	Tissue simulation liquid	1	Permittivity, conductivity of tissue simulation liquid for mobile phone SAR measurement		2026-03-30
11	Base station antenna	1	Antenna Gain, Standing Wave Ratio, Isolation		2026-03-30
12	Brightness,chroma device	1	Brightness/chroma testing for flat panel TV		2026-03-30
13	Flat panel TV	1	Energy efficiency testing for flat panel TV		2026-03-30
14	Air-conditioner	1	Cooling capacity		2026-03-30
		2	Cooling power input		2026-03-30
		3	Energy efficiency ratio		2026-03-30
15	Photovoltaic Module	1	Short circuit current		2026-03-30
		2	Open circuit voltage		2026-03-30
		3	Maximum power		2026-03-30
16	Photovoltaic Power Station(Module)	1	Short circuit current under STC condition (outdoor detection)		2026-03-30
		2	Open circuit voltage under STC condition (outdoor detection)		2026-03-30



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		№	Item/Parameter		
		3	Maximum power under STC condition (outdoor detection)		2026-03-30
17	Reference Cell	1	Short circuit current under standard test conditions		2026-03-30
18	Glasses lens	1	Vertex power of Uncut finished spectacle lenses, transmittancy		2026-03-30
		2	Vertex power of Sunglasses, transmittancy		2026-03-30
		3	Vertex power of Assembled spectacles, transmittancy		2026-03-30
19	Solid material	1	Specific surface area		2026-03-30
20	Public WLAN equipment	1	Maximum equivalent omnidirectional radiation power, Occupied bandwidth		2026-03-30
21	mixed gas	1	Nitrous oxide in nitrogen (air)		2026-03-30
		2	Hydrogen sulfide in nitrogen		2026-03-30
		3	Nitric oxide, carbon monoxide, carbon dioxide and propane in nitrogen		2026-03-30
22	Drinking water	1	colony count of Escherichia Coli		2026-03-30
23	Electrical steel strip and sheet	1	Magnetic properties		2026-03-30
24	Hard magnet and rare earth permanent magnet materials	1	Magnetic properties		2026-03-30
		2	magnetic properties at elevated temperatures		2026-03-30
25	Solid Materials	1	skeleton density		2026-03-30
26	milk powder	1	Ferrum iron		2026-03-30
		2	Nitrate		2026-03-30



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		3	perchlorate		2026-03-30
		4	Calcium		2026-03-30
27	lotus root powder	1	lead		2026-03-30
28	vermicelli	1	aluminum		2026-03-30
29	infants complementary food	1	mercury		2026-03-30
30	leek powder	1	methamidophos		2026-03-30
		2	dichlorvos		2026-03-30
		3	acephate		2026-03-30
		4	chlorpyrifos		2026-03-30
		5	isocarbophos		2026-03-30
		6	isoprocarb		2026-03-30
		7	carbofuran		2026-03-30
		8	carbaryl		2026-03-30
		9	trifluralin		2026-03-30
		10	pendimethalin		2026-03-30
		11	imidacloprid		2026-03-30
		12	acetamiprid		2026-03-30
		13	bifenthrin		2026-03-30
		14	fenpropathrin		2026-03-30



№	Sample	Item/Parameter		Note	Effective Date
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		15	cypermethrin		2026-03-30
		16	procymidone		2026-03-30
		17	endosulfan		2026-03-30
		18	tebuconazole		2026-03-30
		19	quintozene		2026-03-30
		20	atrazine		2026-03-30
		21	ametryn		2026-03-30
		22	alachlor		2026-03-30
		23	metribuzin		2026-03-30
31	cucumber powder	1	methamidophos		2026-03-30
		2	dichlorvos		2026-03-30
		3	acephate		2026-03-30
		4	chlorpyrifos		2026-03-30
		5	isocarbophos		2026-03-30
		6	isoprocarb		2026-03-30
		7	carbofuran		2026-03-30
		8	carbaryl		2026-03-30
		9	trifluralin		2026-03-30
		10	pendimethalin		2026-03-30



№	Sample	Item/Parameter		Note	Effective Date
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		11	imidacloprid		2026-03-30
		12	acetamiprid		2026-03-30
		13	bifenthrin		2026-03-30
		14	fenpropathrin		2026-03-30
		15	lambda-cyhalothrin		2026-03-30
		16	cypermethrin		2026-03-30
		17	procymidone		2026-03-30
		18	endosulfan		2026-03-30
		19	tebuconazole		2026-03-30
		20	atrazine		2026-03-30
		21	ametryn		2026-03-30
		22	alachlor		2026-03-30
		23	metribuzin		2026-03-30
32	pork powder	1	salbutamol		2026-03-30
33	fish powder	1	nitrofurantoin metabolites		2026-03-30
34	apple cider vinegar	1	sorbic acid		2026-03-30
		2	Acesulfame		2026-03-30
35	oral solution	1	Gliclazide		2026-03-30
		2	Gliquidone		2026-03-30



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		3	Glibenclamide		2026-03-30
		4	Repaglinide		2026-03-30
36	peanut oil	1	aflatoxin B1		2026-03-30
37	brick tea	1	fluorine		2026-03-30
38	Water	1	H-3(Tritium)		2026-03-30
		2	Gamma emitting radionuclides(Mn-54, Co-60, Cs-134, Cs-137)		2026-03-30
		3	P-32		2026-03-30
		4	Gamma emitting radionuclides(Am-241,Co-57,Zn-65,Y-88,Ra-226,Th-232,K-40)		2026-03-30
39	Components of Electrical Performance for Generic Cabling (Twisted Pair Cable)	1	Return Loss		2026-03-30
		2	Insertion Loss		2026-03-30
		3	Near End Crosstalk Attenuation (loss)		2026-03-30
		4	Attenuation to Crosstalk Ratio at the Far-end		2026-03-30
		5	Direct Current Loop Resistance		2026-03-30
		6	Propagation Delay		2026-03-30
40	chicken powder	1	Detection of Salmonella spp.		2026-03-30
41	flour	1	Eunmeration of Staphylococcus aureus		2026-03-30
42	milk powder	1	Eunmeration of microorganisms Colony-count		2026-03-30
43	chicken	1	Detection of Listeria monocytogenes		2026-03-30



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44	Source of sewer quality	1	voltage, current, power, frequency, harmonic		2026-03-30
		2	Three-phase voltage unbalance		2026-03-30
		3	Voltage deviation		2026-03-30
		4	Frequency deviation		2026-03-30
45	Standard Grounding Resistance	1	earth resistance		2026-03-30
46	spinach	1	Lead		2026-03-30
		2	Asenic		2026-03-30
47	cornmeal	1	Aflatoxin B1		2026-03-30
48	soy sauce	1	Methyl p-hydroxybenzoate		2026-03-30
		2	Benzoic acid		2026-03-30
49	rice noodles	1	Inorganic Arsenic		2026-03-30
50	plant oil	1	Chloropropanol ester		2026-03-30
51	Isotopes and radioactive substances	1	Carbon isotope		2026-03-30
		2	Nitrogen isotope		2026-03-30



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