

**List of Performable tests in Institute of Chemistry and Petrochemical
Chemical Research Group**

Row	Products	National standard number	Performable tests	Test methods
1	Emulsion paint based on poly vinyl acetate resin (Plastic and semiplastic)	289	All tests except for Freeze - thaw stability, minimum temperature of film formation	-----
2	Alkyd varnish for interior use	1554	All tests except for resistance to yellowing, apparent color, resistance to scratch	-----
3	Gloss alkyd paint based on solvent	1700	All tests except for resistance to yellowing, Xenon test	-----
4	Alkyd based matt paint - solvent borne- for interior use	2225	All tests except for resistance to humidity	-----
5	Primer based on alkyd resin and ferrous oxide	4817	All tests except for resistance to humidity, resistance to scratch	-----
6	Alkyd resin	2783	All tests except for oil content, Phthalic anhydride content, acidic number of dry resin	-----
7	Vinyl acetate homopolymer resin	5804	All tests except for free monomer content, minimum temperature of film formation	-----
8	Baked organic finish for refrigerator and freezer	2397	All tests except for paint dry film hardness, resistance to humidity, resistance to salt spray	-----
9	Baked organic finish based on melamine-alkyd resin	4972	All tests except for change of hue, paint dry film hardness, resistance to humidity, resistance to UV light	-----
10	Paint and organic coating	6460	Particle size determination by Grindometer	-----
11	Paint and organic coating	-----	Viscosity determination by Krebs method	According to the device instruction
12	Resin, adhesive, ...	-----	Viscosity determination by Brookfield method	According to the device instruction

13	Paint, coating, ...	-----	Density determination by pyknometer	According to the laboratory methods
14	Paint, coating, ...	-----	Ash content determination	According to the laboratory methods
15	Paint and coating	7508-1	Resistance to impact	-----
16	Paint and coating	6455	Glossiness	-----
17	Paint and coating	5908	Resistance to bending (mandrel test)	-----
18	Paint and coating	10038	Resistance to Cupping	-----
19	Paint and coating	-----	Salt spray	
20	Powdered materials	-----	Particle size determination by sieve	According to the laboratory methods
21	Engine coolant for automobile and light duty service-Glycol base	338	All tests except for foaming test, performance simulation, corrosion on aluminum alloy surface, pitting corrosion	-----
22	Fuel gel	22148	All tests	-----
23	Alcohol ethylic	161	All tests except for residual aldehyde, Arsenic	-----
24	Fire extinguishing powder	3434	All tests except for discharge performance, non conductivity limit	-----
25	Water for analytical laboratory use	1728	All tests	-----
26	Water for lead - acid batteries	1997	All tests except for manganese content	-----
27	Sulfuric acid used in lead-acid batteries	6320	All tests	-----
28	Thinner for cellulose nitrate	2050	All tests except for Hydrocarbons, copper corrosion	-----
29	Glycerol	1775	All tests	-----
30	Brake fluids	363	All tests	-----
31	Shoe polish	1107	All tests except for flash point of volatile solvents	-----
32	Chemical materials and products	-----	Trace element measurement by Atomic Absorption Spectroscopy (ppm)	According to the instrument instruction
33	Oils for cosmetic and hygiene use	-----	Fatty acid determination by gas chromatography	According to the instrument instruction

34	Liquids	----	Water measurement by karl fischer	According to the instrument instruction
35	Aqueous solution of different material	----	pH determination	According to the instrument instruction
36	Solids	----	Determination of volatile matter and moisture	According to the laboratory methods
37	Solvents	----	Determination of distillation range	According to the laboratory methods
38	Dentifrices	1008	All tests except for fluoride content, abrasion	----
39	Hand washing laundry detergent powder	141	All tests	----
40	Cologne	1022	All tests	----
41	Baby powder	1203	All tests	----
42	Baby soap	1326	All tests	----
43	Hair spray	1768	All tests	----
44	Sodium hypochlorite solution	2361	All tests	----
45	Water soluble sodium carboxy methyl cellulose for detergent industries	1995	All tests	----
46	Washing machine laundry detergent powders	2040	All tests	----
47	Liquid and jell dish washing	2288	All tests	----
48	Carpet cleaning -high foam formulation in liquid forms	2364	All tests except for color stability against shampooing	----
49	Automatic dishwashing detergent	2365	All tests	----
50	Glass cleaner solution	3305	All tests	----
51	Household laundry detergent bars	3333	All tests	----
52	Water soluble sodium carboxymethyl cellulose for toothpaste and cosmetic industries	3566	All tests	----
53	Shampoo	3572	All tests except for Dioxane, Nitrosamines	----
54	Bowl cleaner-acidic liquid	3643	All tests	----
55	Super fatted toilet soap	4376	All tests	----
56	Laundry soaps based on waste vegetable oils	4730	All tests	----
57	Acidic detergents for use in the dairy industry	5213	All tests	----

58	Alkaline detergents for in-place cleaning in dairy factories	5214	All tests	-----
59	Transparent and translucent toilet soap	5249	All tests	-----
60	Liquid oven cleaners	6071	All tests	-----
61	Combination bar soap	6711	All tests	-----
62	Depilatories	7099	All tests	-----
63	Rinse aid for use in dishwashing machines	7102	All tests	-----
64	Toilet soap	22	All tests	-----
65	Laundry bar soap	23	All tests	-----
66	Surfactants	6311	Determination of interfacial tension	-----