

LOVIBOND® WATER TESTING

TINTOMETER® GROUP



Tintometer India dedicatedly provides high-quality standards for routine and challenging water analysis

STANDARD SOLUTIONS

S No.	PartCode	Description	Concentration	PackSize	Shelf life (in years)
1	IN2056030-111	Fluoride standard	1000 ppm	500ml	1
2	IN2056030-010	Fluoride standard	1ppm	500ml	1
3	IN205630-111	Fluoride standard	1000 ppm	100ml	1
4	IN205630-010	Fluoride standard	1ppm	100ml	1
5	IN205630-005	Fluoride standard (0.5 ppm of 100ml)	0.5ppm	100ml	1
6	IN205630-050	Fluoride Standard (5 ppm of 100ml)	5ppm	100ml	1
7	IN205630-100	Fluoride Standard (10 ppm of 100ml)	10ppm	100ml	1
8	IN205631-005	Fluoride Standard (0.5 ppm of 500ml)	0.5ppm	500ml	1
9	IN205631-010	Fluoride Standard (1.0 ppm of 500ml)	1ppm	500ml	1
10	IN205631-050	Fluoride Standard (5.0 ppm of 500ml)	5ppm	500ml	1
11	IN205631-100	Fluoride standard (10.0 ppm of 500ml)	10ppm	500ml	1
12	IN2420806	Nitrate standard (under QC so may take time)	1000ppm	500ml	1
13	IN2100200	Silica Standard	1000ppm as SiO ₂	500ml	1
14	IN2100300	Manganese standard (cross-checking left)	1000ppm	500ml	1
15	IN2100401	Iron standard	1000ppm	100ml	1
16	IN2100400	Iron standard	1000ppm	500ml	1
17	IN2100501	Chloride standard (cross-checking left)	1000ppm	500ml	1
18	IN2100502	Chloride standard (cross-checking left)	1000ppm	100ml	1
19	IN2100500	Chloride standard (cross-checking left)	500ppm	500ml	1
20	IN722250	Conductivity Standard Solution	1413us/cm	500ml	2
21	IN722251	Conductivity Standard Solution	2764us/cm	500ml	2
22	IN722280	Conductivity Standard Solution	4.3 ms/cm	500ml	2
23	IN722260	Conductivity Standard Solution	12.88ms/cm	500ml	2
24	IN722230	Conductivity Standard Solution	84us/cm	500ml	1
25	IN722231	Conductivity Standard Solution	100us/cm	500ml	1
26	IN722271	Conductivity Standard Solution	100us/cm	100ml	1
27	IN722232	Conductivity Standard Solution	111.88ms/cm	500ml	1
28	IN722240	Conductivity Standard Solution	500us/cm	500ml	2
29	IN722241	Standard Conductivity Solution	50 µS	500ml	1
30	IN722210	Conductivity Standard Solution (under Process)	1.3us/cm	500ml	1
31	IN722220	Conductivity Standard Solution	10us/cm	500ml	1
32	IN2420803	COD Standard Solution	100ppm	30ml	1
33	IN2420803-2	COD Standard Solution-100mg/l	100ppm	250ml	1
34	IN2420804	COD Standard Solution	500ppm	30ml	1
35	IN2420805	COD Standard Solution-5000mg/l	5000ppm	10ml	1
36	IN2100600	TDS Solution	0.01 M KCl	500ml	2
37	IN2100601	TDS Solution	0.01 M KCl	1000ml (500 X 2)	2
38	IN2100610	TDS Solution	0.1 M KCl	500ml	2
39	IN2100611	TDS Solution	0.1 M KCl	1000ml (500 X 2)	2
40	IN2100620	TDS standard (Electrode Filling solution)	3M KCL	500ml	3
41	IN467621	NaCl Calibration Solution	5.00 ppt	100ml	1

S No.	PartCode	Description	Concentration	Pack Size	Shelf life (in years)
42	IN467621-50	NaCl Calibration Solution	5.00 ppt	500ml	1
43	IN467625-50	NaCl Calibration Solution	25.00ppt	500ml	1
44	IN467629-50	NaCl Calibration Solution	45.00 ppt	500ml	1
45	IN733340-50	TDS calibration Solution	300 ppm	500ml	1
46	IN733350-50	TDS calibration Solution	1000 ppm	500ml	2
47	IN733370-10	TDS calibration Solution	1000 ppm	100ml	2
48	IN733360-50	TDS calibration Solution	3000 ppm	500ml	2
49	IN733310-50	TDS calibration Solution	15 ppm	500ml	1
50	IN733320-50	TDS calibration Solution	50 ppm	500ml	2
51	IN733330-50	TDS calibration Solution	150 ppm	500ml	1
52	IN721247	Buffer Solution NIST	pH 4.01 ± 0.02 (25 °C)	100ml	2
53	IN721251	Buffer Solution NIST	pH 4.01 ± 0.02 (25 °C)	500ml	2
54	IN721252	Buffer Solution NIST	pH 4.01 ± 0.02 (25 °C)	1000ml	2
55	IN721248	Buffer Solution NIST	pH 7.00 ± 0.02 (25 °C)	100ml	2
56	IN721253	Buffer Solution NIST	pH 7.00 ± 0.02 (25 °C)	500ml	2
57	IN721254	Buffer Solution NIST	pH 7.00 ± 0.02 (25 °C)	1000ml	2
58	IN721249	Buffer Solution NIST	pH 10.01 ± 0.03 (25°C)	100ml	2
59	IN721255	Buffer Solution NIST	pH 10.01 ± 0.03 (25°C)	500ml	2
60	IN721256	Buffer Solution NIST	pH 10.01 ± 0.03 (25°C)	1000ml	2
61	IN721263	Buffer Solution NIST	pH 9.0	100ml	2
62	IN721257	Buffer Solution NIST	pH 9.01 ± 0.02(25°C)	100ml	2
63	IN721258	Buffer Solution NIST	pH 9.01 ± 0.02(25°C)	500ml	2
64	IN721259	Buffer Solution NIST	pH 9.01 ± 0.02(25°C)	1000ml	2
65	IN721260	Buffer Solution NIST (no colour coding)	pH 9.2 ± 0.01 (25°C)	100ml	2
66	IN721261	Buffer Solution NIST (no colour coding)	pH 9.2 ± 0.01 (25°C)	500ml	2
67	IN721262	Buffer Solution NIST (no colour coding)	pH 9.2 ± 0.01 (25°C)	1000ml	2
68	IN721250	pH buffer set NIST	4.00/7.00/10.00 (25 °C)	100ml X3	2
			[100 ml each]		
69	IN195070	Redox 470mV Calibration Sol	470mV	100ml	1
70	IN195021	Redox Standard +250mV @25°C	250mV	100ml	1
71	IN195022	Redox Standard +275mV @25°C	275mV	500ml	1
72	IN195020	Redox Standard +200mV @ 25°C Ag/AgCl electrodes	200 mV	100ml	1
73	IN195071	Redox Standard 475mV @ 25°C Ag/AgCl Electrodes	475 mV	100ml	1
74	IN195060	Redox Standard +600mV @ 25°C Ag/AgCl Electrodes	600 mV	100ml	2
75	IN195061	Redox Standard +600mV @ 25°C Ag/AgCl Electrodes	600 mV	500ml	2
76	IN195070	Redox 470mV Calibration Sol	470 mV	100ml	1

In a laboratory or plant, there are many situations when the accuracy of a laboratory analysis must be proven. Important decisions are based on the results of chemical testing. It is vital that the results of chemical analyses are correct. Standard solutions are used to calibrate instruments used for colorimetric, electrochemical, and turbidimetric measurements. Standards are also useful for verifying just about any method of analysis including electrochemical, titrametric, turbidimetric, and other analytical methods.

Standard solutions are solutions with a defined concentration and are provided to check the operation methods and devices of the cuvette tests as well as the condition of the instrument. A standard solution is a solution that contains a known concentration of a particular chemical, or analyte. Standard solutions can be used in many different ways, with one commonality—they can be used to establish the accuracy and precision of a test method.

Accuracy is a measure of the nearness of an analytical result to the true value. In order for accuracy to be assessed, the true concentration of a solution must be known. While the true concentration of an analyte in a sample is never known, a standard solution has a known concentration of analyte and can be used to assess accuracy. Precision determines the consistency, or repeatability, of analytical measurements. Testing standard solutions may aid in the improvement of precision and accuracy of chemical analyses.

Lovibond Standard solutions are available for many different analytes (and in many concentrations) including nitrate, fluoride, chloride, iron, manganese, nitrate, silica, etc.

Lovibond's color-coded pH buffer solutions are suitable for calibrating pH electrodes with all types of pH meters, whether using automatic buffer recognition or manually adjustable pH values.

Lovibond standard solutions are ideal for calibrating and testing conductivity cells.

TINTOMETER INDIA PRIVATE LIMITED

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