

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

STANDARD SOLUTIONS

S.No.	PartCode	Description	Concentraon	PackSize
01	IN2056030-111	Fluoride Standard	1000 ppm	500ml
02	IN2056030-010	Fluoride Standard	1 ppm	500ml
03	IN205630-005	Fluoride Standard	0.5 ppm	100ml
04	IN205630-010	Fluoride Standard	1 ppm	100ml
05	IN205630-050	Fluoride Standard	5 ppm	100ml
06	IN205630-100	Fluoride Standard	10 ppm	100ml
07	IN205630-111	Fluoride Standard	1000 ppm	100ml
08	IN205631-005	Fluoride Standard	0.5 ppm	500ml
09	IN205631-010	Fluoride Standard	1 ppm	500ml
10	IN205631-050	Fluoride Standard	5 ppm	500ml
11	IN205631-100	Fluoride Standard	10 ppm	500ml
12	IN2420806	Nitrate Standard	1000 ppm	500ml
13	IN2100200	Silica Standard	1000 ppm as SiO ₂	500ml
14	IN2100300	Manganese Standard	1000 ppm	500ml
15	IN2100400	Iron Standard	1000 ppm	500ml
16	IN2100401	Iron Standard	1000 ppm	100ml
17	IN2100500	Chloride Standard	500 ppm	500ml
18	IN2100501	Chloride Standard	1000 ppm	500ml
19	IN2100502	Chloride Standard	1000 ppm	100ml
20	IN2420803	COD Standard Solution	100 ppm	30ml
21	IN2420804	COD Standard Solution	500 ppm	30ml
22	IN2420805	COD Standard Solution	5000 ppm	10ml
23	IN2100600	TDS Standard	0.01 M KCl	500ml
24	IN2100601	TDS Standard	0.01 M KCl	1000ml (500 X 2)
25	IN2100610	TDS Standard	0.1 M KCl	500ml
26	IN2100611	TDS Standard	0.1 M KCl	1000ml (500 X 2)
27	IN2100620	TDS Standard (EFS)	3 M KCL	500ml
28	IN722230	Conductivity Standard Solution	84us/cm	500ml
29	IN722231	Conductivity Standard Solution	100us/cm	500ml
30	IN722232	Conductivity Standard Solution	111.88ms/cm	500ml
31	IN722240	Conductivity Standard Solution	500us/cm	500ml
32	IN722250	Conductivity Standard Solution	1413us/cm	500ml
33	IN722251	Conductivity Standard Solution	2764us/cm	500ml
34	IN722260	Conductivity Standard Solution	12.88ms/cm	500ml
35	IN467621	NaCl Calibration Solution	5.00 ppt	100ml

S.No.	PartCode	Description	Concentraon	PackSize
36	IN467621-50	NaCl Calibration Solution	5.00 ppt	500ml
37	IN467625-50	NaCl Calibration Solution	25.00 ppt	500ml
38	IN467629-50	Nacl Calibration Solution	45.00 ppt	500ml
39	IN733310-50	TDS calibration Solution	15 ppm	500ml
40	IN733320-50	TDS calibration Solution	50 ppm	500ml
41	IN733330-50	TDS calibration Solution	150 ppm	500ml
42	IN733340-50	TDS Calibration Solution	300 ppm	500ml
43	IN733350-50	TDS Calibration Solution	1000 ppm	500ml
44	IN733360-50	TDS Calibration Solution	3000 hppm	500ml
45	IN721247	Buffer Solution pH	4.01±0.02 (25°C)	100ml
46	IN721251	Buffer Solution pH	4.01±0.02 (25°C)	500ml
47	IN721252	Buffer Solution pH	4.01±0.02 (25 C)	1000ml
48	IN721248	Buffer Solution pH	7.00±0.02 (25°C)	100ml
49	IN721253	Buffer Solution pH	7.00±0.02 (25°C)	500ml
50	IN721254	Buffer Solution pH	7.00±0.02 (25°C)	1000ml
51	IN721249	Buffer Solution pH	10.01±0.03 (25°C)	100ml
52	IN721255	Buffer Solution pH	10.01±0.03 (25°C)	500ml
53	IN721256	Buffer Solution pH	10.01±0.03 (25°C)	1000ml
54	IN721257	Buffer Solution pH	9.01±0.02 (25°C)	100ml
55	IN721258	Buffer Solution pH	9.01±0.02 (25°C)	500ml
56	IN721259	Buffer Solution pH	9.01±0.02 (25°C)	1000ml
57	IN721260	Buffer Solution pH	9.2±0.01 (25°C)	100ml
58	IN721261	Buffer Solution pH	9.2±0.01 (25°C)	500ml
59	IN721262	Buffer Solution pH	9.2±0.01 (25°C)	1000ml
60	IN721250	pH Buffer Set	4.00/7.00/10.00 (25°C)	100ml x 3

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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