

## Other Solutions

Part No.	Value at 25°C
<b>Sodium Solutions</b>	
HI 7080	2.3 g/L Na
HI 8080	2.3 g/L Na
HI 7086	23 g/L Na
HI 8086	23 g/L Na
HI 7087	0.23 g/L Na
HI 8087	0.23 g/L Na

### Salinity (Sodium Chloride) Solutions

HI 7037	Calibration solution for % Readings (100% NaCl)
HI 7081	30 g/L NaCl
HI 7083	3.0 g/L NaCl
HI 7084	58.4 g/L NaCl
HI 8084	58.4 g/L NaCl
HI 7085	0.3 g/L NaCl
HI 7088	5.84 g/L NaCl
HI 8088	5.84 g/L NaCl
HI 7089	125 g/L NaCl
HI 8089	125 g/L NaCl
HI 7090	ISA solution
HI 8095	146 g/L NaCl

### Fluoride Solutions

HI 7023	TISAB solution
HI 70701	1 g/L F
HI 70702	10 mg/L F
HI 70703	100 mg/L F

### Conductivity Solutions

HI 7030	12880 $\mu\text{S/cm}$ ( $\mu\text{mho/cm}$ )
HI 7031	1413 $\mu\text{S/cm}$ ( $\mu\text{mho/cm}$ )
HI 7033	84 $\mu\text{S/cm}$ ( $\mu\text{mho/cm}$ )
HI 7039	5000 $\mu\text{S/cm}$ ( $\mu\text{mho/cm}$ )

Part No.	Value at 25°C
<b>Total Dissolved Solids (TDS) Solutions</b>	
HI 6032	1382 ppm (mg/L)
HI 7032	1382 ppm (mg/L)
HI 7036	12.41 ppt (g/L)
HI 70442	1500 ppm (mg/L)
HI 70032	1382 ppm (mg/L)
HI 70038	6.44 ppt (g/L)
HI 70080	800 ppm (mg/L)
HI 77200	1500 ppm (mg/L) + pH 7.01
HI 77300	1382 ppm (mg/L) + pH 7.01

Available in 230 ml, 460 ml and/or 1 L size.  
 HI XXXM = 230 ml  
 HI XXXL = 460 ml  
 HI XXX/1L = 1 L

HI 8XXX = FDA approved bottles

HI XXXC = come with analysis certificat

Part No.	Value at 25°C
<b>EC Calibration Solutions</b>	
HI 7030	12880 $\mu\text{S/cm}$ ( $\mu\text{mho/cm}$ )
HI 70030	12880 $\mu\text{S/cm}$ ( $\mu\text{mho/cm}$ )
HI 8030	12880 $\mu\text{S/cm}$ ( $\mu\text{mho/cm}$ )
HI 6031	1413 $\mu\text{S/cm}$ ( $\mu\text{mho/cm}$ )
HI 7031	1413 $\mu\text{S/cm}$ ( $\mu\text{mho/cm}$ )
HI 8031	1413 $\mu\text{S/cm}$ ( $\mu\text{mho/cm}$ )
HI 70031	1413 $\mu\text{S/cm}$ ( $\mu\text{mho/cm}$ )
HI 77100	1413 $\mu\text{S/cm}$ ( $\mu\text{mho/cm}$ ) + pH 7.01
HI 6033	84 $\mu\text{S/cm}$ ( $\mu\text{mho/cm}$ )
HI 7033	84 $\mu\text{S/cm}$ ( $\mu\text{mho/cm}$ )
HI 8033	84 $\mu\text{S/cm}$ ( $\mu\text{mho/cm}$ )
HI 70033	84 $\mu\text{S/cm}$ ( $\mu\text{mho/cm}$ )
HI 7034	80000 $\mu\text{S/cm}$ ( $\mu\text{mho/cm}$ )
HI 8034	80000 $\mu\text{S/cm}$ ( $\mu\text{mho/cm}$ )
HI 7035	111800 $\mu\text{S/cm}$ ( $\mu\text{mho/cm}$ )
HI 8035	111800 $\mu\text{S/cm}$ ( $\mu\text{mho/cm}$ )
HI 7039	5000 $\mu\text{S/cm}$ ( $\mu\text{mho/cm}$ )
HI 8039	5000 $\mu\text{S/cm}$ ( $\mu\text{mho/cm}$ )
HI 70039	5000 $\mu\text{S/cm}$ ( $\mu\text{mho/cm}$ )

Available in 20 ml, 230 ml, 460 ml and/or 1 US Gallon size.

HI XXXM = 230 ml

HI XXXL = 460 ml

HI XXX/1G = 1 US Gallon

HI 8XXX = FDA approved bottles

Analysis certificat available on request.

### Dissolved Oxygen Solutions

HI 7040	0 Oxygen Solution
HI 7041	Electrolyte Solution for Polarographic DO Probes

Available in 30 ml, 230 ml and/or 460 ml size.

HI XXXS = 30 ml

HI XXXM = 230 ml

HI XXXL = 460 ml

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## Solutions



## Solutions - pH/ORP

Part No.	Description
<b>ORP Test Solutions</b>	
HI 7020	200-275 mV
HI 7021	240 mV
HI 7022	470 mV

Available in these size: 230 ml, 460 ml.  
 HI XXXM = 230 ml  
 HI XXXL = 460 ml

### Electrolyte Refill Solutions

HI 7071	3.5M KCl + AgCl
HI 7072	1M KNO <sub>3</sub>
<b>NOTE: Use only HI 7071 and HI 8071 electrolytes containing Silver Chloride (AgCl) with Single Junction Electrodes.</b>	
HI 7082	3.5M KCl
HI 8071	3.5M KCl + AgCl
HI 8072	1M KNO <sub>3</sub>
HI 8082	3.5M KCl
HI 8093	1M KCl + AgCl

Available in 30 ml.  
 HI 8XXX = FDA approved bottles

### Storage Solutions

HI 70300	Storage solution
HI 80300	Storage solution

### ORP Test and Pretreatment Solutions

HI 7020	Test Solution at 200/275 mV (@20°C)
HI 7021	Test Solution at 240 mV (@20°C)
HI 7022	Test Solution at 470 mV (@20°C)
HI 7091	Pretreatment reducing
HI 7092	Pretreatment oxidizing

Available in these size: 230 ml and 460 ml.  
 HI XXXM = 230 ml  
 HI XXXL = 460 ml  
 HI 8XXX = FDA approved bottles

### Soil Test Solutions

HI 7051	Soil preparation
HI 70960	Solid and semi-solid samples

Available in these size:  
 30ml, 230 ml and/or 460 ml.

Part No.	Description
<b>Electrode Cleaning Solutions</b>	
HI 7000P	Deionized rinse
HI 7061	General purpose
HI 8061	General purpose
HI 7073	Protein cleaning
HI 8073	Protein cleaning
HI 7074	Inorganic cleaning
HI 7077	Oil and fat cleaning
HI 8077	Oil and fat cleaning

### Electrode Specific Cleaning Solutions

HI 70620	Skin Residuals (Cosmetic Industry)
HI 70621	Skin Grease and Sebum (Cosmetic Industry)
HI 70630	Acid Cleaning Solution for Meat Grease and Fats (Food Industry)
HI 70631	Alkaline Cleaning Solution for Meat Grease and Fats (Food Industry)
HI 70632	Blood Products
HI 70635	Wine Deposits (Wine-Making)
HI 70636	Wine Stains (Wine-Making)
HI 70640	Milk Deposits (Food Industry)
HI 70641	Dairy Products (Food Industry)
HI 70642	Cheese Deposits (Food Industry)
HI 70662	Honey Residuals (Food Industry)
HI 70663	Soil Deposits (Agriculture)
HI 70664	Humus Deposits (Agriculture)
HI 70670	Salt Deposits (Industrial Processes)
HI 70671	Algae, Fungi and Bacteria (Industrial Processes)
HI 70680	Cellulose Deposits
HI 70681	Ink Stains
HI 700620	Skin Residuals (Cosmetic Industry)
HI 700621	Skin Grease and Sebum (Cosmetic Industry)
HI 700630	Acid Cleaning Solution for Meat Grease and Fats (Food Industry)
HI 700635	Wine Deposits (Wine-Making)
HI 700636	Wine Stains (Wine-Making)
HI 700640	Milk Deposits (Food Industry)
HI 700641	Dairy Products (Food Industry)
HI 700642	Cheese Deposits (Food Industry)
HI 700661	General Purpose for Agriculture
HI 700663	Soil Deposits (Agriculture)
HI 700664	Humus Deposits (Agriculture)
HI 700670	Salt Deposits (Industrial Processes)
HI 700671	Algae, Fungi and Bacteria (Industrial Processes)
HI 700680	Ink Stains

Available in these size:  
 20 ml, 230 ml, 460 ml.  
 HI XXXP = 20 ml  
 HI XXXM = 230 ml  
 HI XXXL = 460 ml  
 HI 8XXX = FDA approved bottles

## Solutions - pH Buffers

Part No.	pH Value at 25°C	Part No.	pH Value at 25°C
<b>pH Buffer Solutions</b>			
HI 5004	4.01	HI 5068	6.86
HI 6004	4.010	HI 6068	6.862
HI 7004	4.01	HI 7006	6.86
HI 8004	4.01	HI 8006	6.86
HI 50004	4.01	HI 50068	6.86
HI 60004	4.010	HI 60068	6.862
HI 70004	4.01	HI 70006	6.86
HI 77400	4.01 & 7.01		

HI 5007	7.01
HI 6007	7.010
HI 7007	7.01
HI 8007	7.01
HI 50007	7.01
HI 60007	7.010
HI 70007	7.01
HI 77700	7.01

HI 5010	10.01
HI 6010	10.010
HI 7010	10.01
HI 8010	10.01
HI 50010	10.01
HI 60010	10.01
HI 70010	10.01
HI 77010	10.01 & 7.01

Available in these size: 20 ml, 230 ml, 460 ml, 1 L and/or 1 US Gallon.  
 HI XXXP = 20 ml  
 HI XXXM = 230 ml  
 HI XXXL = 460 ml  
 HI XXX/L = 1 L  
 HI XXX/1G = 1 G

HI 8XXX = FDA approved bottles

Analysis certificat available on request

Part No.	pH Value at 25°C
<b>Combined kits of pH solutions</b>	
HI 54710	pH 4.01, 7.01, 10.01
HI 54710-10	pH 4.01, 7.01, 10.01, HI 70300
HI 54710-11	pH 4.01, 7.01, 10.01, HI 70300, HI 7061
HI 54710-12	pH 4.01, 7.01, 10.01, HI 70300, HI 7061, HI 7071L
HI 54710-13	pH 4.01, 7.01, 10.01, HI 70300, HI 7061, HI 7072L

Available in 460ml size.

Code	pH Value @25°C	Code	pH Value @25°C
<b>Technical Buffers (±0.01 pH)</b>			
HI 5001	1.00	HI 6001	1.000
HI 5016	1.68	HI 6016	1.679
HI 5002	2.00	HI 6002	2.000
HI 5003	3.00	HI 6003	3.000
HI 5037	3.79	HI 6037	3.788
HI 5004	4.01	HI 6004	4.010
HI 5046	4.63	HI 6046	4.630
HI 5005	5.00	HI 6005	5.000
HI 5006	6.00	HI 6006	6.000
HI 5068	6.86	HI 6068	6.862
HI 5007	7.01	HI 6007	7.010
HI 5074	7.41	HI 6074	7.413
HI 5008	8.00	HI 6008	8.000
HI 5009	9.00	HI 6009	9.000
HI 5091	9.18	HI 6091	9.177
HI 5010	10.01	HI 6010	10.010
HI 5011	11.00	HI 6011	11.000
HI 5012	12.00	HI 6012	12.000
HI 5124	12.45	HI 6124	12.450
HI 5013	13.00	HI 6013	13.000
HI 50001	1.00	HI 60001	1.000
HI 50016	1.68	HI 60016	1.679
HI 50002	2.00	HI 60002	2.000
HI 50003	3.00	HI 60003	3.000
HI 50037	3.79	HI 60037	3.788
HI 50004	4.01	HI 60004	4.010
HI 50046	4.63	HI 60046	4.630
HI 50005	5.00	HI 60005	5.000
HI 50006	6.00	HI 60006	6.000
HI 50068	6.86	HI 60068	6.862
HI 50007	7.01	HI 60007	7.010
HI 50074	7.41	HI 60074	7.413
HI 50008	8.00	HI 60008	8.000
HI 50009	9.00	HI 60009	9.000
HI 50091	9.18	HI 60091	9.177
HI 50010	10.01	HI 60010	10.010
HI 50011	11.00	HI 60011	11.000
HI 50012	12.00	HI 60012	12.000
HI 50124	12.45	HI 60124	12.450
HI 50013	13.00	HI 60013	13.000

Available in these size:  
 20 ml, 460 ml, and/or 1 L.

