

Standard Solutions for Turbidity, Salinity and Fluoride

Turbidity Standard Solutions

The HANNA instruments® turbidity calibration solutions are produced according to the AMCO AEPA-1 standards, at 0, 10, 20 and 500 FTU.

They are preferred to the formazine based standards, as they are non-toxic, stable, reusable and long-lasting.

Salinity Standard Solutions

The sodium and sodium chloride standard solutions allow you to perform an accurate calibration of the pocket sized (pNa and SALINTEST), portable (for example HI 931101) and bench salinity meters.

These solutions are available in 230 or 500 mL bottles, and also in opaque bottles that meet the FDA (Food & Drug Administration) specifications.

Fluoride Standard Solutions

These standard solutions allow you to calibrate all instruments, that measure fluoride using ion-specific sensors.

The most common applications include the analysis of water from springs close to volcanic rocks, or the cosmetics, pharmaceutical, glass and steel industries.

Turbidity Standard Solutions

Code	Description	Bottle
HI 93102-0	AMCO-AEPA-1 Calibration Solution at 0 NTU	30 mL
HI 93102-20	AMCO-AEPA-1 Calibration Solution at 20 NTU	30 mL
HI 93124-0	Standard Solution at 0 EBC	30 mL
HI 93124-1	Standard Solution at 2.5 EBC	30 mL
HI 93124-2	Standard Solution at 125 EBC	30 mL
HI 93703-0	AMCO-AEPA-1 Calibration Solution at 0 FTU	30 mL
HI 93703-05	AMCO-AEPA-1 Calibration Solution at 500 FTU	30 mL
HI 93703-10	AMCO-AEPA-1 Calibration Solution at 10 FTU	30 mL

Sodium (Na⁺) Standard Solutions

Code	Description	Bottle
HI 7080L	Standard Solution at 2.3 g/L Na ⁺	500 mL
HI 7080M	Standard Solution at 2.3 g/L Na ⁺	230 mL
HI 7086L	Standard Solution at 23 g/L Na ⁺	500 mL
HI 7086M	Standard Solution at 23 g/L Na ⁺	230 mL
HI 7087L	Standard Solution at 0.23 g/L Na ⁺	500 mL
HI 7087M	Standard Solution at 0.23 g/L Na ⁺	230 mL
HI 8080L	Standard Solution at 2.3 g/L Na ⁺	500 mL (FDA)
HI 8080M	Standard Solution at 2.3 g/L Na ⁺	230 mL (FDA)
HI 8086L	Standard Solution at 23 g/L Na ⁺	500 mL (FDA)
HI 8086M	Standard Solution at 23 g/L Na ⁺	230 mL (FDA)
HI 8087L	Standard Solution at 0.23 g/L Na ⁺	500 mL (FDA)
HI 8087M	Standard Solution at 0.23 g/L Na ⁺	230 mL (FDA)

Sodium Chloride (NaCl) Standard Solutions

Code	Description	Bottle
HI 7037L	Calibration solution for % Readings (100% NaCl)	500 mL
HI 7037M	Calibration solution for % Readings (100% NaCl)	230 mL
HI 7081L	Standard Solution at 30 g/L NaCl	500 mL
HI 7081M	Standard Solution at 30 g/L NaCl	230 mL
HI 7083L	Standard Solution at 3.0 g/L NaCl	500 mL
HI 7083M	Standard Solution at 3.0 g/L NaCl	230 mL
HI 7084L	Standard Solution at 58.4 g/L NaCl	500 mL
HI 7084M	Standard Solution at 58.4 g/L NaCl	230 mL
HI 7085L	Standard Solution at 0.3 g/L NaCl	500 mL
HI 7085M	Standard Solution at 0.3 g/L NaCl	230 mL
HI 7088L	Standard Solution at 5.84 g/L NaCl	500 mL
HI 7088M	Standard Solution at 5.84 g/L NaCl	230 mL
HI 7089L	Standard Solution at 125 g/L NaCl	500 mL
HI 7089M	Standard Solution at 125 g/L NaCl	230 mL
HI 7090L	ISA Solution	500 mL
HI 7090M	ISA Solution	230 mL
HI 8084L	Standard Solution at 58.4 g/L NaCl	500 mL (FDA)
HI 8084M	Standard Solution at 58.4 g/L NaCl	230 mL (FDA)
HI 8088L	Standard Solution at 5.84 g/L NaCl	500 mL (FDA)
HI 8088M	Standard Solution at 5.84 g/L NaCl	230 mL (FDA)
HI 8089L	Standard Solution at 125 g/L NaCl	500 mL (FDA)
HI 8089M	Standard Solution at 125 g/L NaCl	230 mL (FDA)
HI 8095L	Standard Solution at 146 g/L NaCl	500 mL (FDA)
HI 8095M	Standard Solution at 146 g/L NaCl	230 mL (FDA)

Fluoride Standard Solutions

Code	Description	Bottle
HI 7023/1L	TISAB Solution	1 L
HI 7023L	TISAB Solution	500 mL
HI 70701/1L	Standard Solution at 1 g/L F ⁻	1 L
HI 70701L	Standard Solution at 1 g/L F ⁻	500 mL
HI 70701M	Standard Solution at 1 g/L F ⁻	230 mL
HI 70702/1L	Standard Solution at 10 mg/L F ⁻	1 L
HI 70702L	Standard Solution at 10 mg/L F ⁻	500 mL
HI 70702M	Standard Solution at 10 mg/L F ⁻	230 mL
HI 70703/1L	Standard Solution at 100 mg/L F ⁻	1 L
HI 70703L	Standard Solution at 100 mg/L F ⁻	500 mL
HI 70703M	Standard Solution at 100 mg/L F ⁻	230 mL