

ISE Standards

Code	Description
HI4010-01	0.1 M fluoride standard, 500 mL
HI4010-02	100 mg/L (ppm) fluoride standard, 500 mL
HI4010-03	1000 mg/L (ppm) fluoride standard, 500 mL
HI4010-11	1 mg/L (ppm) fluoride standard premixed with TISAB II, 500 mL
HI4010-12	2 mg/L (ppm) fluoride standard premixed with TISAB II, 500 mL
HI4010-10	10 mg/L (ppm) fluoride standard premixed with TISAB II, 500 mL

Ionic Strength Adjusters (ISA)

Code	Description
HI4010-00	TISAB II for fluoride ISEs, 500 mL
HI4010-05	TISAB II for fluoride ISEs, 1 Gal
HI4010-06	TISAB III concentrate for fluoride ISEs, 500 mL
HI4010-30	kit containing 4 bottles each of: HI4010-10, HI4010-11 and HI4010-00

Accessories

Code	Description
HI4110-51	fluoride module for HI4110 combination ISE



Fluoride ISEs

Code	HI4010	HI4110
Type	solid-state; half-cell	solid-state; combination
Measurement Range	0.01M to $1 \cdot 10^{-6}$ M 260 to 0.02 mg/L (ppm)	0.01M to $1 \cdot 10^{-6}$ M 260 to 0.02 mg/L (ppm)
Optimum pH Range	5 to 8	5 to 8
Temperature Range	0 to 80°C	0 to 80°C
Approximate Slope	-56	-56
Body O.D.	12 mm	12 mm
Insertion Length	120 mm	120 mm
Body Material	epoxy	PEI/epoxy
Possible Applications	determination of free fluoride in potable water, soft drinks, wine, plants, emulsified food products, plating and pickling acids	
Ordering Information	HI4010 half-cell ISE with 1 m coaxial cable and BNC connector	HI4110 combination ISE with 1 m coaxial cable and BNC connector