

ISE Standards

Our wide selection of Hanna ISE Standards are made and bottled in our own state-of-the-art solutions facility. ISE Standards are required for direct and incremental measurement techniques and are available with certificate of analysis.

Code	Description	Size
HI4001-01	0.10 M ammonia standard	500 mL
HI4001-02	100 mg/L (ppm) ammonia standard (as NH ₃ N)	500 mL
HI4001-03	1000 mg/L (ppm) ammonia standard (as NH ₃ N)	500 mL
HI4002-01	0.10 M bromide standard	500 mL
HI4003-01	0.10 M cadmium standard	500 mL
HI4004-01	0.10 M calcium standard	500 mL
HI4005-01	0.10 M carbon dioxide standard	500 mL
HI4005-03	1000 ppm as CaCO ₃ carbon dioxide standard	500 mL
HI4007-01	0.10 M chloride standard	500 mL
HI4007-02	100 ppm chloride standard	500 mL
HI4007-03	1000 ppm chloride standard	500 mL
HI4008-01	0.1 M cupric standard	500 mL
HI4010-01	0.1 M fluoride standard	500 mL
HI4010-02	100 ppm fluoride standard	500 mL
HI4010-03	1000 ppm fluoride standard	500 mL
HI4010-10	10 ppm fluoride standard premixed with TISAB II	500 mL
HI4010-11	1 ppm fluoride standard premixed with TISAB II	500 mL
HI4010-12	2 ppm fluoride standard premixed with TISAB II	500 mL
HI4010-30	kit containing 4 bottles each of : HI4010-10, HI4010-11 and HI4010-00	500 mL (3 x 4)
HI4011-01	0.1 M iodide standard	500 mL
HI4012-01	0.1 M lead standard	500 mL
HI4012-21	0.1 M sulfate standard	500 mL
HI4013-01	0.1 M nitrate standard	500 mL
HI4013-02	100 ppm nitrate standard (as N)	500 mL
HI4013-03	1000 ppm nitrate standard (as N)	500 mL
HI4014-01	0.1 M potassium standard	500 mL
HI4015-01	0.1 M silver standard	500 mL
HI4016-01	0.1 M sodium standard	500 mL
HI4016-02	100 ppm sodium standard	500 mL
HI4016-03	1000 ppm sodium standard	500 mL
HI4016-10	10 ppm sodium standard	500 mL



Gas Sensor Fill Solutions

Code	Description	Size
HI4001-40	ammonia filling solution	30 mL bottles (4)
HI4005-40	carbon dioxide filling solution	30 mL bottles (4)

Specific Solutions for ISE Sensors

Code	Description	Size
HI4000-47	pH 4 and pH 7 buffers with chloride ions background, used to check internal glass electrode of gas sensors	10 packages each and 2 beakers
HI4001-45	conditioning and storage solution for HI4101 ammonia ISE	500 mL
HI4004-45	conditioning and storage solution for HI4004 and HI4104 calcium ISEs	500 mL
HI4005-45	conditioning and storage solution for HI4105 carbon dioxide ISE	500 mL
HI4016-45	storage solution for sodium ISE	500 mL
HI4016-46	conditioning solution for sodium ISE	500 mL