



Calcium ISEs

Code	HI4004	HI4104
Type	polymer membrane; half-cell	polymer membrane; combination
Measurement Range	1M to $3 \cdot 10^{-6}$ M 40080 to 0.12 mg/L (ppm)	1M to $3 \cdot 10^{-6}$ M 40080 to 0.12 mg/L (ppm)
Optimum pH Range	4 to 10	4 to 10
Temperature Range	0 to 40°C	0 to 40°C
Approximate Slope	+28	+28
Body O.D.	12 mm	12 mm
Insertion Length	120 mm	120 mm
Body Material	epoxy/PVC	PEI/PVC
Possible Applications	determination of free calcium in beverages, water, and seawater	
Ordering Information	HI4004 half-cell ISE with 1 m coaxial cable and BNC connector	HI4104 combination ISE with 1 m coaxial cable and BNC connector

ISE standards

Code	Description
HI4004-01	0.1 M calcium standard, 500 mL

Ionic Strength Adjusters (ISA)

Code	Description
HI4004-00	ISA for calcium ISEs, 500 mL

Silver-free reference fill solutions

Code	Description
HI7082	electrolyte solution, 3.5 M KCl, 30 mL (4)

Specific solutions for ISE sensors

Code	Description
HI4004-45	conditioning and storage solution for HI4004 and HI4104 calcium ISEs

Accessories

Code	Description
HI4004-51	calcium module for HI4004 half-cell ISE
HI4104-51	calcium module for HI4104 combination ISE