

ISE: Fluoroborate

A Fluoroborate Ion Selective Electrode sensor specifically designed to measure 0.1 ppm to 10,800 ppm (7×10^{-6} M to 1M) concentrations of BF_4^- .

Applications include, but not limited to: Plating Baths.



Model #	BF41502
Slope	55 + / - 3 mV/decade
Reproducibility	+ / - 2%
Interferences	ClO_4^- , I ⁻ , CN ⁻
Temperature Range	0 to 50° C (if calibrated at that temperature)
Pressure Range	0 to 30 psi
Response Time	95% response in 30 seconds
Storage	Long term, store dry Short term, store in dilute fluoroborate standard
Concentration Range	7×10^{-6} M to 1M 0.1 ppm to 10,800 ppm
pH Range	2.5 to 11 pH
Resistance	100 megaohms
Care, Maintenance & Cleaning	Treat with distilled water followed by fluoroborate standard
Temperature Compensation	Yes
Isopotential Point	10 ppm Fluoroborate
On-Line Capability	Yes
Applications	Plating Baths