

Electrodes, Standards and Solutions: Perfectly designed to work together. Order a kit today and save 30% versus buying each component separately.

Ensure correct measurement by using high quality Thermo Scientific™ Orion™ Ion Specific Electrodes and reagents for ion specific measurement. Ordering is easy! All the consumables you need to measure fluoride or ammonia in water and wastewater are available with one part number.

Thermo Scientific Orion Fluoride Electrode and Reagent Kits

All the consumables you need for Fluoride analysis



Cat. No. 9609BNLSLN, Low Fluoride ISE and Reagent Kit

- Orion Combination Fluoride ISE features the Thermo™ Scientific™ Orion™ Sure-Flow™ junction which contributes to highly stable and precise fluoride measurements while simplifying electrode maintenance.
- 0.5, 1.0, 2.0, 5.0 and 10.0 ppm Fluoride Standards are pre-mixed with total ionic strength adjustor for your convenience. No dilution and no addition of ionic strength adjustor needed.
- Total Ionic Strength Adjustor (TISAB II) included for addition to samples

Too much or too little fluoride can be harmful to humans and the environment. In the US the maximum amount of fluoride in drinking water is regulated by the Environmental Protection Agency (EPA). However, recently the U.S. Department of Health and Human Services published “U.S. Public Health Service (PHS) Recommendation for Fluoride Concentration in Drinking Water for the Prevention of Dental Caries” which recommends lower levels than previous recommendations. The US government now recommends a fluoride concentration of 0.7 mg/L (parts per million, ppm) to maintain caries prevention benefits and reduce the risk of dental fluorosis. Thermo Scientific Orion offers Orion Fluoride ISE and Reagent Kits which enable you to easily comply with both standards.

Cat. No.	Description
9609BNLSLN	Fluoride Electrode and Reagent Kit
Components	
9609BNWP	Combination Fluoride Electrode with Sure-Flow Reference
940907	100 ppm Fluoride Standard, 475 ml
040906	1 ppm Fluoride Standard with TISAB II, 475ml
040907	2 ppm Fluoride Standard with TISAB II, 475 ml
040908	10 ppm Fluoride Standard with TISAB II, 475ml
940909	TISAB II, 1 gallon
9609BNLSLN	Low Fluoride Electrode and Reagent Kit
Components	
9609BNWP	Combination Fluoride Electrode with Sure-Flow Reference
F40904	0.5 ppm Fluoride Standard with TISAB II, 475 ml
040906	1 ppm Fluoride Standard with TISABII, 475ml
F40905	5 ppm Fluoride Standard with TISAB II, 475 ml
940909	TISAB II, 1 gallon

Thermo Scientific Orion Ammonia Electrode and Reagent Kits

All the consumables you need for Ammonia analysis in wastewater management



Cat. No. 9512HPBNSLN High Performance Ammonia ISE and Reagent Kit

Orion Standard Ammonia Electrode and Reagent Kit (Cat. No. 9512BNSLN)

This kit includes the Orion Standard Performance Ammonia ISE (Cat. No. 9512BNWP) and is ideal for mid to high ammonia level measurements. The Ionic Strength Adjuster (ISA) (Cat. No. 951211) included in the kit, is formulated for samples containing metallic ions and has pH indicating blue dye added, so you know the pH is correct for analysis.

Orion High Performance Ammonia Electrode and Reagent Kit (Cat. No. 9512HPBNSLN)

The Orion High Performance Ammonia ISE (Cat. No. 9512HPBNWP), which is part of this kit, offers a fast, linear response down to 0.01 ppm levels for low level ammonia analysis. The kit also contains pre-assembled membrane caps to simplify membrane changes. The low level ammonia Ionic Strength Adjuster (Cat. No. 951210) adjusts the pH and ionic strength of ammonia standards and samples for the most accurate low level ammonia measurements. The ISA contains pH-indicating blue dye and is specially formulated for measurements of ammonia samples with a concentration of 10 ppm or less that do not contain metal interferences.

Find out more at thermofisher.com/water

Chemical composition of the wastewater is carefully measured both as it enters treatment and before it is released into public rivers, lakes and the oceans. In the U.S., wastewater is regulated by the Environmental Protection Agency (EPA), as well as state and municipal authorities, with each providing varying standards that must be strictly followed. Orion Ammonia Electrode and Reagent Kits make it easy and economical to measure ammonia levels in wastewater during and after treatment.

Cat. No.	Description
9512BNSLN	Standard Ammonia Electrode and Reagent Kit
Components	
9512BNWP	Standard Ammonia Electrode
951202	Standard Ammonia Electrode Filling Solution, 60 ml
951207	100 ppm Ammonia as Nitrogen Standard, 475 ml
951007	1000 ppm Ammonia as Nitrogen Standard, 475 ml
951204	Loose membranes for Standard electrodes, box of 20
951211	pH adjusting ISA, for samples with metallic ions, 475 ml
810017	Storage Sleeve
9512HPBNSLN	High Performance Ammonia Electrode and Reagent Kit
Components	
9512HPBNWP	High Performance Ammonia Electrode
951213	Ammonia Electrode Storage Solution, 475ml
951209	HP Ammonia Electrode Filling Solution, 60 ml
951207	100 ppm Ammonia as Nitrogen Standard, 475 ml
951007	1000 ppm Ammonia as Nitrogen Standard, 475 ml
951215	Pre-assembled outer body and membrane cap assembly for High Performance electrodes, 3 pack
951210	pH adjusting ISA, for samples with no metallic ions, 475ml
810017	Storage Sleeve

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Water and Lab Products

North America
Toll Free: 1-800-225-1480
Tel: 1-978-232-6000
info.water@thermofisher.com

Germany
Tel: (49) 6184-90-6000
info.water.uk@thermofisher.com

India
Tel: (91) 22-4157-8800
wai.asia@thermofisher.com

Japan
Tel: (81) 045-453-9175
wai.asia@thermofisher.com

China
Tel: (86) 21-68654588
wai.asia@thermofisher.com

Singapore
Tel: (65) 6778-6876
wai.asia@thermofisher.com

Australia
Tel: (613) 9757-4300
In Australia: (1300) 735-295
InfoWaterAU@thermofisher.com

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