

# Certificate of Analysis

## Product Information:

|                           |  |
|---------------------------|--|
| <b>Orion Number</b>       | 934610   |
| <b>Description</b>        | NITRITE ISA, 475 ML                            |
| <b>Lot Number</b>         | IT1  |
| <b>Expiration Date</b>    | 07/23/06                                       |
| <b>Method of Analysis</b> | Potentiometric                                 |
| <b>Acceptance Range</b>   | Ag+ 0.0100 M +/- 0.0005 M / pH 4.210 +/- 0.100 |

## Actual Analysis:

| <u>Analysis</u> | <u>Results</u> | <u>Unit of Measure</u>     |
|-----------------|----------------|----------------------------|
| 1               | 0.00985        | Moles/Liter Silver Sulfate |
| 2               | 4.215          | pH                         |

## Traceability:

| <u>N.I.S.T. Chemical</u>       | <u>SRM #</u> | <u>Sublot</u> |
|--------------------------------|--------------|---------------|
| Sodium Chloride                | 2201         | NA            |
| Disodium Hydrogen Phosphate    | 186 II       | f             |
| Potassium Dihydrogen Phosphate | 186 I        | f             |
| Potassium Hydrogen Phthalate   | 185          | g             |

**Certificate Date:** 07/28/04

**Approved By:**



**Quality Control Supervisor**

Environmental Instruments  
Water Analysis

166 Cummings Center

Beverly, MA  
01915

(978) 232-6015 Dom Fax  
(978) 232-6031 Int'l Fax

www.thermo.com  
(800) 225-1480 Tech Info

Analyze • Detect • Measure • Control™

**Thermo**  
ELECTRON CORPORATION

244721-001 Rev. B