

# Certificate of Analysis

## Product Information:

|                           |  |
|---------------------------|--|
| <b>Orion Number</b>       | 841111   |
| <b>Description</b>        | NA ISA, 475 ML   |
| <b>Lot Number</b>         | MZ1  |
| <b>Expiration Date</b>    | N/A; Recommendation usage 2 years from date of receipt             |
| <b>Method of Analysis</b> | Potentiometric   |
| <b>Acceptance Range</b>   | 4.0 +/- 0.1 M Ammonium Chloride - 4.0 +/- 0.1 M Ammonium Hydroxide |

## Actual Analysis:

| <u>Analysis</u> | <u>Results</u> | <u>Unit of Measure</u>         |
|-----------------|----------------|--------------------------------|
| 1               | 4.1            | Moles/Liter Ammonium Chloride  |
| 2               | 3.96           | Moles/Liter Ammonium Hydroxide |

## Traceability:

| <u>N.I.S.T. Chemical</u> | <u>SRM #</u> | <u>Sublot</u> |
|--------------------------|--------------|---------------|
| Sodium Chloride          | 2201         | NA            |

**Certificate Date:** 01/23/08

**Approved By:**



**Quality Representative**

**Environmental Instruments**  
Water Analysis Instruments

166 Cummings Center

Beverly, MA  
01915

(978) 232-6000  
(978) 232-6015 fax

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

Analyze • Detect • Measure • Control™

244721-001 Rev. D

**Thermo**  
ELECTRON CORPORATION