



CERTIFICATE OF ANALYSIS

Sodium Eluant (pH 2.80) for Amino Acid Analysis

Na270

Product: Sodium Eluant for Amino Acid Analysis

Part Number: Na270

Lot Number: 210019

Production Date: 15 Oct 2012

Expiration Date: 15 Oct 2014

Primary Application: Sodium-based amino acid analysis.

Acceptance Criteria:

- | | |
|--|----------|
| 1. pH = 2.80 ± 0.01 @ 25 ± 0.4 °C (Y/N) | <u>y</u> |
| 2. Resolution: | |
| • Methionine Sulfone/Aspartic Acid $\geq 90\%$ (Y/N) | <u>y</u> |
| • Aspartic Acid/Threonine $\geq 90\%$ (Y/N) | <u>y</u> |
| • Threonine/Serine $\geq 90\%$ (Y/N) | <u>y</u> |
| 3. Height of ammonia plateau/height of ammonia peak $\leq 9\%$ (Y/N) | <u>y</u> |
| 4. No peaks in baseline (Y/N) | <u>y</u> |

Calibration Standard: Oxidized Feeds Hydrolysate, **PN** 1700-0155

Storage Conditions: Dry at 8 to 25 °C

Analysis Certified by: Jim Murphy **Date:** 17 Oct 2012
VP Operations
Title

Rev.9, 12/02/2011