



# CERTIFICATE OF ANALYSIS

## Lithium Eluant for Amino Acid Analysis

1700-1125

Product: Lithium Eluant for Amino Acid Analysis

Part Number: 1700-1125

Lot Number: 106011

Test Start Date: 15 Jun 2011

Expiration Date: 13 Jun 2012

Primary Application: Lithium-based amino acid analysis.

### Acceptance Criteria:

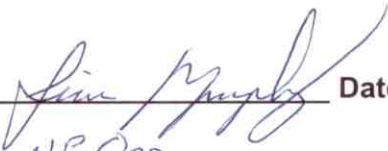
### Actual Values

- |  |              |
|--|--------------|
| 1. pH = $2.80 \pm 0.01$ @ $25 \pm 0.4$ °C (Y/N)  | <u>  y  </u> |
| 2. Resolution:                                   |              |
| • Threonine/Serine $\geq 80\%$ (Y/N)             | <u>  y  </u> |
| • Asparagine/ Glutamic Acid $\geq 30\%$ (Y/N)    | <u>  y  </u> |
| • Glycine, Alanine, Citrulline $\geq 90\%$ (Y/N) | <u>  y  </u> |
| 3. Elution time:                                 |              |
| • L-aspartic acid = $6.0 \pm 0.3$ min. (Y/N)     | <u>  y  </u> |
| 4. Baseline: no peaks (Y/N)                      | <u>  y  </u> |

### Calibration Standard:

Lithium Calibration Standard, PN 1700-0170 LN 001047

Storage Conditions: Dry at 8 to 25 °C

Analysis Certified by:  Date: 21 JUN 2011  
VP OPER  
 Title

Rev. 11, 06/21/11

**ACCEPTED**  
 PICKERING LABORATORIES, INC.  
 QUALITY ASSURANCE