

## CERTIFICATE OF ANALYSIS

### Lithium Eluant for Amino Acid Analysis

**1700-1125**

**Product:** Lithium Eluant for Amino Acid Analysis

**Part Number:** 1700-1125

**Lot Number:** 010029

**Test Start Date:** 29 Oct 2010

**Expiration Date:** 29 Oct 2011

**Primary Application:** Lithium-based amino acid analysis.

**Acceptance Criteria:**

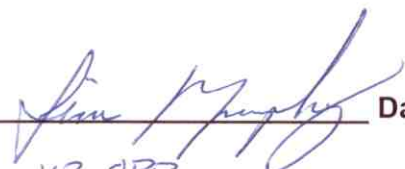
**Actual Values**

1. pH = 2.80 ± 0.01 @ 25 ± 0.4 °C	<u>2.800</u>
2. Resolution:	
• Threonine/Serine ≥ 80%	<u>Y</u>
• Asparagine/ Glutamic Acid ≥ 30%	<u>Y</u>
• Glycine, Alanine, Citrulline ≥ 90%	<u>Y</u>
3. Elution time:	
• L-aspartic acid = 6.0 ± 0.3 min.	<u>Y</u>
4. Baseline: no peaks (Y/N)	<u>Y</u>
5. Conductivity: 7.82 –7.85 mS	<u>7.83</u>

**Calibration Standard:**

Lithium Calibration Standard, PN 1700-0170 LN 001047

**Storage Conditions:** Dry at 8 to 25 °C

**Analysis Certified by:**  **Date:** 02 Nov 2010

VP OPR  
Title

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