



# CERTIFICATE OF ANALYSIS

## Lithium Eluant for Amino Acid Analysis

Li375

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

**Part Number:** Li375

**Lot Number:** 10101A

**Test Start Date:** 13 JAN 2011

**Expiration Date:** 13 JAN 2013

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

### Acceptance Criteria:

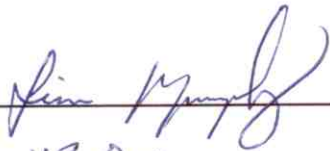
### Actual Values

1. pH = $3.75 \pm 0.01$ @ $25 \pm 0.4$ °C	<u>3.756</u>
2. Resolution:	
• Tryptophan is visible (Y/N)	<u>Y</u>
• Ethanolamine, Hydroxylysines, ammonia $\geq 95\%$ (Y/N)	<u>Y</u>
3. Elution time:	
• Histidine $80 \pm 1.0$ min.	
• Arginine $95 \pm 1.0$ min.	<u>Y</u>
4. Baseline: no peaks (Y/N)	<u>Y</u>
5. Conductivity: $9.59 \pm 0.01$ mS	<u>9.60</u>

### Calibration Standard:

Lithium Calibration Standard, PN 1700-0170 LN 903003

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

Analysis Certified by:  Date: 10 Feb 2011

VP Oper  
Title

Rev. 9, 8/11/08

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