



# CERTIFICATE OF ANALYSIS

## Lithium Eluant for Amino Acid Analysis

**Li292**

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

**Part Number:** Li292

**Lot Number:** 109010

**Production Date:** 26 Sep 2011

**Expiration Date:** 08 Sep 2012

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

**Acceptance Criteria:**

1. pH =  $2.91 \pm 0.01$  @  $25 \pm 0.4$  °C (Y/N)
2. Resolution:
  - Threonine/Serine  $\geq 80\%$  (Y/N)
  - Asparagine/ Glutamic Acid  $\geq 50\%$  (Y/N)
  - Glycine, Alanine, Citrulline  $\geq 90\%$  (Y/N)
3. Elution time:
  - L-aspartic acid =  $7.9 \pm 0.5$  min (Y/N)
4. Baseline: no peaks (Y/N)

Y  
Y  
Y  
Y  
Y  
Y

**Calibration Standard:**

Lithium Calibration Standard, PN 1700-0170

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

**Analysis Certified by:** [Signature]

**Date:** 27 Sep 2011

VP OP  
Title

Rev. 10, 04/11/2011

**ACCEPTED**

PICKERING LABORATORIES, INC.  
QUALITY ASSURANCE