



# CERTIFICATE OF ANALYSIS

## Lithium Eluant for Amino Acid Analysis

1700-1125

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

**Part Number:** 1700-1125

**Lot Number:** 104002

**Production Date:** 06 Apr 2011

**Expiration Date:** 06 Apr 2012

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

**Acceptance Criteria:**

1. pH =  $2.81 \pm 0.01$  @  $25 \pm 0.4$  °C (Y/N)

2. Resolution:

- Threonine/Serine  $\geq 80\%$  (Y/N)
- Asparagine/ Glutamic Acid  $\geq 30\%$  (Y/N)
- Glycine, Alanine, Citrulline  $\geq 90\%$  (Y/N)

3. Elution time:

- L-aspartic acid =  $6.0 \pm 0.3$  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:** \_\_\_\_\_

*Jim Myers*

*VP Ops*

Title

**Date:** \_\_\_\_\_

12 Apr 2011

**ACCEPTED**

PICKERING LABORATORIES, INC.  
QUALITY ASSURANCE