



CERTIFICATE OF ANALYSIS

Lithium Eluant for Amino Acid Analysis

Li292

Product: Lithium Eluant for Amino Acid Analysis

Part Number: Li292

Lot Number: 0120 37

Test Start Date: 18 DEC 2010

Expiration Date: 17 DEC 2012

Primary Application: Lithium-based amino acid analysis.

Acceptance Criteria:

Actual Values

1. pH = 2.91 ± 0.01 @ 25 ± 0.4 °C

2.916

2. Resolution:

- Threonine/Serine $\geq 80\%$
- Asparagine/ Glutamic Acid $\geq 50\%$
- Glycine, Alanine, Citrulline $\geq 90\%$

4

4

4

3. Elution time:

- L-aspartic acid = 7.9 ± 0.5 min.

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4. Baseline: no peaks (Y/N)

4

5. Conductivity: $7.82 - 7.85$ mS

7.82

Calibration Standard:

Lithium Calibration Standard, PN 1700-0170 LN 001047

Storage Conditions: Dry at 8 to 25 °C

Analysis Certified by: _____

Jim Murphy
VP Opr
Title

Date: 14 JAN 2011

Rev. 9, 8/11/08

ACCEPTED

PICKERING LABORATORIES, INC.
QUALITY ASSURANCE