



## CERTIFICATE OF ANALYSIS

**Sodium Eluant pH 3.15  
With 5% Sulfolane  
1700-0112**

**Product:** Sodium Eluant pH 3.15 With 5% Sulfolane  
**Part Number:** 1700-0112  
**Lot Number:** 011025  
**Test Start Date:** 19 Nov 2011

**Primary Application:** Sodium-based amino acid analysis

**Acceptance Criteria:**

1. pH =  $3.15 \pm 0.01$  @  $25 \pm 0.4$  °C
2. Retention time of L-aspartic acid meets specifications. (Y/N)
3. Resolution of threonine/serine  $\geq 93\%$

**Actual Values**

<u>3.16</u>
<u>Y</u>
<u>Y</u>

**Calibration Standard:** Collagen Hydrolysate, PN 012506C, LN 002006

**Analysis Certified by:** *Jim Murphy* **Date:** 22 Nov 2011

VP Ops  
Title

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