

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **N-p-Tosyl-L-phenylalanine chloromethyl ketone**
Specifications & Purity: **97%**
SKU #: **T123226**

| Parameter | Limit Values |
|--|-----------------------|
| Nitrogen by Elemental Analysis | 3.6-4.1 (%) |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in EtOH})$ | -91--87 (°) |
| Melting point | 106-110 (°C) |
| Carbon by Elemental Analysis | 56.6-59.5 (%) |
| Purity(HPLC) | 97-100 (%) |
| Purity (Argentmetric Titration) | 96.5-103.5 (%) |
| Appearance (T123226) | white powder |
| Infrared spectrum | Conforms to Structure |
| Test for inhibitor of chymotrypsin | pass |