

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **L-Leucine tert-butyl ester hydrochloride**
Specifications & Purity: **98%**
SKU #: **L116989**

| Parameter | Limit Values |
|--|-----------------------|
| Carbon by Elemental Analysis | 52.3-55 (%) |
| Specific Rotation $[\alpha]_{20}^D(c=2 \text{ in EtOH})$ | 18-21 ($^{\circ}$) |
| Purity (Argentometric Titration) | 97.5-102.5 (%) |
| Purity(HPLC) | 98-100 (%) |
| Nitrogen by Elemental Analysis | 6-6.6 (%) |
| Appearance (L116989) | White powder |
| Solubility in MeOH , Colorless to Faint Yellow Clear to Hazy,50mg/ml | pass |
| Proton NMR spectrum | Conforms to structure |