

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **D-Valine**
Specifications & Purity: **98%**
SKU #: **V101067**

| Parameter | Limit Values |
|---|--|
| Nitrogen by Elemental Analysis | 11.7-12.2 (%) |
| Carbon by Elemental Analysis | 50.2-52.3 (%) |
| Purity(HPLC) | 98-100 (%) |
| Specific Rotation $[\alpha]_{20/D}(c=8 \text{ in } 6M \text{ HCl})$ | -29--26 (°) |
| Appearance (V101067) | White to Almost White Powder to Crystals and/or Chunks or Flakes |
| Infrared spectrum | Conforms to Structure |
| Solubility in H ₂ O , clear to slightly hazy(50mg/ml) | pass |