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## 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 <sub>2</sub> O , clear to slightly hazy(50mg/ml)	pass

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