

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **L-dopa**
Specifications & Purity: **99%**
SKU #: **D111048**

Parameter	Limit Values
Carbon by Elemental Analysis	53.7-55.9 (%)
Purity(HPLC)	99-100 (%)
Specific Rotation $[\alpha]_{20/D(c=5 \text{ in } 1\text{mol/L HCl})}$	-13--11 (°)
Nitrogen by Elemental Analysis	6.5-7.6 (%)
Appearance (D111048)	White to Off-White Powder
Infrared spectrum	Conforms to Structure
Solubility in 0.5 M HCl , Colorless to Light Yellow Clear to Hazy(50mg/ml)	pass
Solubility in 1 M HCl	Almost transparency