

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **L-Glutamine**
Specifications & Purity: **99%**
SKU #: **G105425**

Parameter	Limit Values
Specific Rotation $[\alpha]_{20/D(c=4 \text{ in H}_2\text{O})}$	6.3-7.3 (°)
Ammonia (NH ₃)	0-0.2 (%)
Carbon by Elemental Analysis	40.3-41.9 (%)
Nitrogen by Elemental Analysis	18.8-19.6 (%)
Purity(HPLC)	99-100 (%)
Appearance (G105425)	White to Off-White Powder
Infrared spectrum	Conforms to Structure
Solubility in 1 M HCl , Colorless, Clear to Slightly Hazy,50 mg/ml	pass