

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **L-Asparagine**  
Specifications & Purity: Biological reagents suitable for cell culture and insect cell culture  
SKU #: **L478521**

Parameter	Limit Values
Appearance(L478521)	White Powder
Solubility in 1 N HCl,Colorless Clear 100 mg/ml	Pass
Water by Karl Fischer	0-2 (%)
Purity(HPLC area)	98-100 (%)
Specific rotation $[\alpha]_{20/D}(C=13.2 \text{ in } 1 \text{ N HCl})$	27-31 (°)
Cell Culture Test	pass
Insect Cell Test	Pass
Proton NMR spectrum	Conforms to Structure