

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **L-Asparagine Monohydrate**  
Specifications & Purity: **99%**  
SKU #: **A108223**

<b>Parameter</b>	<b>Limit Values</b>
Heavy metal (as Pb)	0-10 (ppm)
Transmission(c=2, H <sub>2</sub> O, 430 nm)	98-100 (%)
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-280 (ppm)
Chloride (Cl <sup>-</sup> )	0-210 (ppm)
Iron(Fe)	0-10 (ppm)
Purity(Nonaqueous Titration)	99-100 (%)
Loss on drying	11.5-12.5 (%)
(As)Arsenic	0-1 (ppm)
Other amino acids(TLC)	0-1 (%)
Specific Rotation [α] <sub>20</sub> /D(c=10 in 6N HCl)	33.5-36.5 (°)
Sulfate Ash	0-0.1 (%)
Appearance (A108223)	White to Off-White Powder
Infrared spectrum	Conforms to Structure