



Alpha Chemika



ISO 9001 QUALITY SYSTEM CERTIFIED ORGANIZATION

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CERTIFICATE OF ANALYSIS

Name Of Item : L-ASPARGINE (monohydrate)

Formula : $C_4H_8N_2O_3 \cdot H_2O$

M.W. : 150.13

Batch No. : L0078

CAS NO. : 5794-13-8

Cat. No. : AL8135

Date Of Mfg. :

Date of Analysis :

Type Of Test	Standard	Observed
Description	A white crystalline powder	A white crystalline powder
Assay	Min. 99.0%	99.28%
Heavy metals (as Pb)	<0.001%	<0.001%
Ammonium (NH ₄)	<0.01%	0.007%
Aspartic acid	<0.5%	0.4%
Foreign amino acids	<0.3%	0.15%
Other ninhydrin-positive substances (as glycine)	<0.1%	<0.1%
Water	11.5 – 12.5%	12%

Results : The above product complies with LR grade

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