



Bio Basic Inc.

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CERTIFICATE OF ANALYSIS

Product	L-ASPARAGINE monohydrate
Grade	Ultra Pure
Product Code	AB0017
Formula	$C_4H_8N_2O_3 \cdot H_2O$
MW	150.1
CAS#	5794-13-8
Lot No	

Test Items	Specifications	Results
Appearance	White powder	
Identification (IR)	Concordant with the reference	
Purity	98.5-101.5%	
pH	4.4-6.4	
Specific Rotation $[\alpha]_D^{20}$	+34.3° – +36.5°	
Chloride (Cl)	≤0.02%	
Ammonium (NH ₄)	≤0.10%	
Sulfate (SO ₄)	≤0.02%	
Iron (Fe)	≤200ppm	
Heavy Metals (Pb)	≤10ppm	
Loss on drying	11.5-12.5%	

Storage: Store at room temperature. Protect from moisture.

OF 21 Rev 1

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