



## CERTIFICATE OF ANALYSIS

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Product	L-Asparagine, anhydrous
Grade	USP
Product Code	A94341(D0017)
Formula	C <sub>4</sub> H <sub>8</sub> N <sub>2</sub> O <sub>3</sub>
MW	132.12
CAS#	70-47-3
Lot No	

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Test Items	Specifications	Results
Appearance	White crystals or crystalline powder	
Identification	Conform	
Assay	98.5%~101%	
Loss on drying	≤0.5%	
Residue on ignition	≤0.1%	
Specific rotation	+34.2~+36.50°	
Sulfate	≤0.02%	
Chloride	≤0.02%	
Heavy metals	≤10ppm	
Iron	≤10ppm	
Arsenic	≤2ppm	

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Storage: R.T.