

CERTIFICATE OF ANALYSIS

PRODUCT NAME: L-Asparagine,anhydrous,98%

ITEM NUMBER: A105949
BRAND: Aladdin
CAS NUMBER: 70-47-3
MDL NUMBER: MFCD00064401
FORMULA: C₄H₈N₂O₃
MOLECULAR WEIGHT: 132.12

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	white powder		
Infrared spectrum	Conforms to Structure		
Purity (HPLC)	98 %	100 %	100 %
Solubility in 1 N HCl	Colorless,Clear,100 mg/ml		
Specific rotation [α] ₂₀ /D(C = 13.2 in 1 N HCl)	++27 °	+31 °	++31 °
Water by Karl Fischer	0 %	1 %	1 %