

CERTIFICATE OF ANALYSIS

PRODUCT NAME: L- -Aminoadipic acid,98%

ITEM NUMBER: A100535
BRAND: Aladdin
CAS NUMBER: 1118-90-7
MDL NUMBER: MFCD00002636
FORMULA: C₆H₁₁NO₄
MOLECULAR WEIGHT: 161.16

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White to yellow powder or crystals		
Carbon by Elemental Analysis	43.8 %	45.6 %	45.6 %
Infrared spectrum	Conforms to Structure		
Nitrogen by Elemental Analysis	8.5 %	8.9 %	8.9 %
Purity(GC)	98 %	100 %	100 %
Solubility in 1 N HCl	Colorless to Faint Yellow,Clear to hazy,50 mg/ml		
Specific rotation [α] ₂₀ /D(C=5, 6mol/L HCl)	++23 °	+26 °	++26 °