

CERTIFICATE OF ANALYSIS

PRODUCT NAME: L-Leucine methyl ester hydrochloride,98%

ITEM NUMBER: L109004
BRAND: Aladdin
CAS NUMBER: 7517-19-3
MDL NUMBER: MFCD00012494
FORMULA: C₇H₁₄NO₂ • HCl
MOLECULAR WEIGHT: 181.66

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White Powder or Crystals		
D-enantiomer	0 %	0.5 %	0.5 %
Infrared spectrum	Conforms to Structure		
Loss on drying	0 %	0.5 %	0.5 %
Purity(titration with AgNO ₃)	97.5 %	102.5 %	102.5 %
Solubility in water	clear or slightly hazy(50mg/ml)		
Specific rotation [α] ₂₀ /D(C=2, H ₂ O)	++12 °	+14 °	++14 °
Sulfated ash	0 %	0.2 %	0.2 %