

Specification Sheet

L Alanine Powder

(C₃H₇NO₂, Purity: 99.9 %)

Stock No: NS6130-12-000483, CAS: 56-41-7

Product	:	L-Alanine Powder
Stock No	:	NS6130-12-000483
CAS	:	56-41-7
Purity	:	99.9 %
Molecular Formula	:	C ₃ H ₇ NO ₂
Molecular Weight	:	89.09 g/mol
Appearance	:	White Crystalline Powder
Density	:	1.424 g/cm ³
Melting Point	:	316 °C
pH	:	5.7~6.7
Specific Rotation	:	+14.3°~+15.°
Identification	:	Positive
Assay (C ₃ H ₇ NO ₂)%	:	99.0~101.0
State of solution	:	98.0%
Shelf Life	:	3 years when properly stored
Storage	:	Store at 25 °C Protect from Moisture
Main Inspect Verifier	:	Manager QC

Note: Product Specification are subject to amendment and may change over time