



100 Majestic Way, Bangor, PA 18013 / www.biospectra.us

L-ALANINE
SPECIFICATION SHEET
BIO ULTRA GRADE / AL5220

$C_3H_7NO_2$ ^ F.W. 89.09 ^ CAS#: 56-41-7

ANALYSIS	SPECIFICATIONS
Assay	98.50%-101.5% min.
Chloride	<0.05%
Chromatographic Purity	Meet Requirements
Heavy Metals	<15ppm
Identity (FTIR)	Passes Test
Iron	<30ppm
LOD	<0.2%
pH	5.5 – 7.0
Residue on Ignition	<0.15%
Specific Rotation	(+13.7°) to (+15.1°)
Sulfate	<0.03%