



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

L-LYSINE HCl
SPECIFICATION SHEET
BIO ULTRA GRADE / LY5220
 $C_6H_{14}N_2O_2 \cdot HCl$ Δ F.W. 182.65 Δ CAS#: 657-27-2

ANALYSIS	SPECIFICATIONS
Assay	98.5%-101.5% min.
Content of Chloride	19.0 – 19.6%
Chromatographic Purity	Meet Requirements
Heavy Metals	<15ppm
Identity (FTIR)	Passes Test
Iron	<30ppm
LOD	<0.40%
Specific Rotation	(+20.4) to (+21.4°)
pH	5.5-7.0
Residue on Ignition	<0.40%
Sulfate	<0.04%