



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

L-PHENYLALANINE
SPECIFICATION SHEET
BIO ULTRA GRADE / PH5220

$C_9H_{11}NO_2$ * F.W. 165.19 * CAS#: 63-91-2

ANALYSIS	SPECIFICATIONS
Assay	98.5%-101.5% min.
Chloride	<0.05%
Chromatographic Purity	Meet Requirements
Heavy Metals	<15ppm
Identity (FTIR)	Passes Test
Iron	<30ppm
LOD	<0.3%
Specific Rotation	(-32.7°) to (-34.7°)
pH	5.4-6.0
Residue on Ignition	<0.4%
Sulfate	<0.03%