



100 Majestic Way, Bangor, PA 18013 / [www.biospectra.us](http://www.biospectra.us)

**L-GLUTAMIC ACID**  
**SPECIFICATION SHEET**  
**BIO ULTRA GRADE / GU5220**

$C_5H_9NO_4$  \* F.W. 147.13 \* CAS#: 56-86-0

ANALYSIS	SPECIFICATIONS
Assay	98.5%-101.5% min.
Chloride	<0.02%
Chromatographic Purity	Meet Requirements
Heavy Metals	<10ppm
Identity (FTIR)	Passes Test
Iron	<10ppm
LOD	<0.1%
Residue on Ignition	<0.1%
Specific Rotation	(+31.5°) to (+32.5°)
Sulfate	<0.02%