

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	00161
Lot Number	001192-180103
Product	L-Glutamic acid
	L-Glu-OH
	(S)-1-Aminopropane-1,3-dicarboxylic acid
CAS Number	56-86-0
Molecular Formula	C ₅ H ₉ NO ₄
Molecular Weight	147.14

Appearance	White crystals or crystalline powder
Heavy Metals	< 10 ppm
Anion	Sulfates (SO ₄): < 300 ppm Chlorides (Cl): < 100 ppm
Cation	Iron (Fe): < 10 ppm Ammonium (NH ₄): < 200 ppm
Optical Rotation	[α] _D ²⁰ = +31.8°
Loss on Drying	0.10%
Sulfated Ash	0.04%
Assay	99.6%
Storage	Store at RT
Additional Information	State of solution: Clear and colorless Ninhydrin positive substances: Not more intense than the spot with reference solution (0.5%)

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager