

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	38820
Product	L-Glutamic acid monosodium salt hydrate
Lot Number	000703-155172 (S)-2-Aminopentanedioic acid
CAS Number	142-47-2
Molecular Formula	C ₅ H ₈ NNaO ₄ •xH ₂ O
Molecular Weight	169.11

Appearance	White to off-white crystalline powder
Solubility	Soluble in water
Heavy Metals	< 0.002%
Anion	Chloride (Cl) : < 0.2%
Cation	Arsenic (As) : < 3 ppm Lead (Pb) : < 10 mg/kg
pH	7.0
Optical Rotation	[α] _D ²⁰ = 25.05 °
Loss on Drying	0.2%
Assay by titration	99.6%
Grade	Suitable for cell culture, insect cell culture
Storage	Store at RT
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