

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	00028
Lot Number	001192-002812009-5
Product	L-Aspartic acid
	L-Asp-OH
	(S)-(+)-Aminosuccinic acid
CAS Number	56-84-8
Molecular Formula	C ₄ H ₇ NO ₄
Molecular Weight	133.1

Appearance	White crystalline powder
Heavy Metals	< 10 ppm (as Pb)
Anion	Chloride (Cl ⁻): < 0.02% Sulfate (SO ₄ ²⁻): < 0.02%
Cation	Iron (Fe): < 10 ppm
Optical Rotation	[α] _D ²⁰ = +24.92° (C=1 in 6N HCl)
Infrared Spectrum	Conforms to structure
Loss on Drying	0.08%
Related Substances	Individual impurity: < 0.5% Total impurities: < 2.0%
Residue On Ignition	0.10%
Assay by titration	99.1% (anhydrous basis)
Grade	USP
Storage	Store at RT

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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