

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	00626
Lot Number	001991-12060801
Product	DL-Aspartic acid DL-Asp-OH (<i>R,S</i>)-2-Aminosuccinic acid
CAS Number	617-45-8
Molecular Formula	C ₄ H ₇ NO ₄
Molecular Weight	133.1

Appearance	White crystalline powder
Heavy Metals	< 20 ppm (as Pb)
Anion	Chloride (Cl ⁻) = < 0.020% Sulfate (SO ₄ ²⁻) = < 0.020%
Cation	Iron (Fe) = < 30 ppm Arsenic (As ₂ O ₃) = < 2 ppm Ammonium (NH ₄ ⁺) = < 0.020%
pH	2.9
Transmission	99% (State of solution)
Loss on Drying	0.04%
Related Substances	Asparagine : < 0.05%
Residue On Ignition	0.07%
Assay	99.53%
Purity by TLC	< 0.05% (Asparagine)
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