

Chem-Impex International, Inc.

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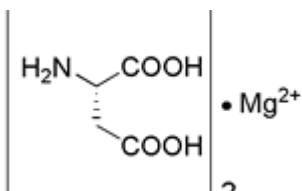
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	02031
Product	L-Aspartic acid hemimagnesium salt hydrate
CAS Number	2068-80-6
Molecular Formula	C ₈ H ₁₂ MgN ₂ O ₈
Molecular Weight	144.25

Appearance	White crystals or crystalline powder
Solubility	Colorless in water
Heavy Metals	≤ 10 ppm (as Pb)
Anion	Chloride (Cl ⁻) : ≤ 0.02% Sulfate (SO ₄ ²⁻) : ≤ 0.05%
Cation	Ammonium (NH ₄ ⁺) : ≤ 0.02% Arsenic (As ₂ O ₃) : ≤ 1 ppm Iron (Fe) : ≤ 30 ppm
Water Content (Karl Fisher)	≤ 17%
pH	6.0 - 8.0
Optical Rotation	[α] _D ²⁰ = +20.5 to +25.0°
Assay	≥ 98% (Anhydrous basis)
Storage	Store at RT

For Laboratory Use Only