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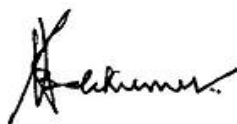
Wood Dale, IL 60191

Certificate of Analysis

Lot Number	000531-81101101
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	288.49

Appearance	White powder
Solubility	Colorless in water
Heavy Metals	< 10 ppm (as Pb)
Anion	Chloride (Cl ⁻) : < 0.021% Sulfate (SO ₄ ²⁻) : < 0.048%
Cation	Ammonium (NH ₄ ⁺) : < 0.05% Arsenic (As ₂ O ₃) : < 1 ppm Iron (Fe) : < 30 ppm
Water Content (Karl Fisher)	14.5%
pH	6.6
Optical Rotation	[α] _D ²⁰ = +23.4 °
Assay	99.7% (Anhydrous)
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