

Chem-Impex International, Inc.

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Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	32273
Lot Number	000514-25598010
Product	Magnesium D-gluconate hydrate

D-Gluconic acid hemimagnesium salt

CAS Number	3632-91-5
Molecular Formula	C ₁₂ H ₂₂ MgO ₁₄ •H ₂ O
Molecular Weight	414.6

Appearance	White or off-white powder
Heavy Metals	0.23 ppm
Anion	Chloride : < 0.05% Sulfate : < 0.05%
Cation	Arsenic : 0.10 ppm Lead: 0.01 ppm
Water Content (Karl Fisher)	9.7%
pH	7.3
Yeast and Mold	< 100 cfu/g
Reducing Substances	0.08%
Residual Solvents	Conforms to USP standard
Coliform Organisms	Negative
Microbial Count	< 1000 cfu/g (Aerobic Plate Count)
Assay	101.9%
Grade	USP
Storage	Store at RT
Country of Origin	USA

Certificate of Analysis

Catalog Number: 32273

Lot Number: 000514-25598010

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

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager