

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	03560
Lot Number	002649-1609006
Product	D-Glucosamine 6-sulfate sodium chloride
CAS Number	14999-43-0
Molecular Formula	C ₁₂ H ₂₈ N ₂ O ₁₄ S•2NaCl
Molecular Weight	573.32

Appearance	White crystalline powder
Heavy Metals	< 10 ppm
Anion	Chloride: 12.3% Sulfates: 16.7%
Cation	Potassium: No precipitate is formed Arsenic (As): < 3 ppm
pH	4.3
Yeast and Mold	10 cfu/g
Optical Rotation	[α] _D ²⁰ = +51.19°
Infrared Spectrum	Conforms to standard
Loss on Drying	0.07%
E. Coli	Negative
Microbial Count	Total plate count: 70 cfu/g
Salmonella	Negative
Organic Volatile Impurities	Meet the requirements
Residue On Ignition	24.8%
Assay	99.9%
Grade	USP
Storage	Store at 0-8 °C

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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