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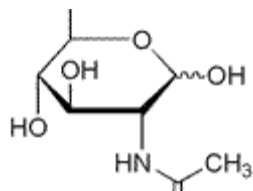
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	31889
Product	N-Acetyl-D-glucosamine from plant source 2-Acetamido-2-deoxy-D-glucose from plant source
CAS Number	7512-17-6
Molecular Formula	C ₈ H ₁₅ NO ₆
Molecular Weight	221.1

Appearance	White to yellowish crystalline powder
Odor	Odorless
Melting Point	196 - 205 °C
Bulk density	≥ 0.45 g/mL
Heavy Metals	≤ 10 ppm
Anion	Sulfate (SO ₂) : ≤ 0.2% Chloride (Cl) : ≤ 0.10%
Cation	Iron(Fe) : ≤ 10 ppm Lead (Pb) : ≤ 10 ppm Arsenic (As) : ≤ 1.0 ppm Mercury (Hg) : ≤ 0.5 ppm
pH	6 - 8
Yeast and Mold	≤ 100 cfu/g
Optical Rotation	[α] ²⁰ _D = 39 - 43 °
Loss on Drying	≤ 0.5%
E. Coli	Negative
Microbial Count	≤ 1000 cfu/g (TPC)
Salmonella	Negative
Mesh Size	90% through 100 mesh
Organic Volatile Impurities	Conforms to USP 39

Product Specifications

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Residue On Ignition	≤ 0.1%
Purity by HPLC	98 - 102%
Storage	Store at RT
Additional Information	Tap density : Conforms to USP 39

For Laboratory Use Only