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Product Specifications

Catalogue Number 03597

Product **Chondroitin Sulfate**

Chondroitin hydrogen sulfate

CAS Number 9007-28-7

Appearance White or almost white powder

Appearance of Solution ≤ 0.35

Solubility Freely soluble in water, insoluble in acetone and alcohol.

Bulk density ≥ 0.6 g/mL

Heavy Metals ≤ 20 ppm

Anion Chloride (Cl): $\leq 0.50\%$
Sulfate: $\leq 0.24\%$

pH 5.5-7.5

Yeast and Mold ≤ 100 cfu/g

Optical Rotation $[\alpha] = -20.0$ to -30.0°

Infrared Spectrum Conforms to structure

Loss on Drying $\leq 10.0\%$

Residual Solvents $\leq 0.5\%$

E. Coli Negative

Salmonella Negative

Particle Size 100% thru 80 mesh

Related Substances Individual impurity: $\leq 2\%$

Residue On Ignition 20.0-30.0%

Purity by HPLC 90.0-105.0%

Grade USP

Storage Store at RT

Additional Information Sodium Identification: To pass test
Total plate count: ≤ 1000 cfu/g
Limit of Protein: $\leq 6.0\%$

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For Laboratory Use Only