



Certificate of Analysis-Chondroitin sulfate

CAS: 9007-28-7

Batch Number: *FTF0240111* Batch Quantity: 1000kg

Manufacture Date: Jan.09th,2024 Analysis Date:Jan.10th,2024 Certificate Date: Jan.11th,2024

Storage Store in cool & dry place. Store in well-closed containers.

Shelf life 3 years when properly stored.

Item	Specification	Results
Source	Shark	
Appearance	A white or almost white powder Freely soluble in water	Conforms
Sodium Identification	Positive	Conforms
Clarity and color of solution	≤0.35	0.28
Assay by CPC	98% Min (O.D.B)	99.12%
Limit of protein	<6.0%	4.98%
Chlorides	<0.50%	Complies
Specific Rotation	-20.0°~ -30.0°	-23.4°
pH	5.5-7.5	0.012
Sulfate	<0.24%	Complies
Heavy Metals	<20ppm	Complies
Residue on Ignition	20.0-30.0%	25.3%
Loss on Drying	<10.0%	9.2%
Residual Solvents	<0.5%	0.27%
Total Plate Count	≤1000 CFU/g	29 CFU/g
Salmonella	Negative	Conforms

Conclusion: Conform with USP32 standard .

QC MANAGER: 刘娟 INSPECTOR: 黄子烨

