

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED**U21009KA2023PTC179006****Registered address:** FFK Towers, #445, 2nd Floor, 17th Cross Road, Sector 4,
HSR Layout, Bangalore, Bangalore South, Karnataka - 560102, India.**Email:** info@scimplify.com**Website:** www.scimplify.com**CERTIFICATE OF ANALYSIS**

Material/Product Name	Chondroitin Sulfate Sodium		
Batch Number	SCI/25008	Quantity	100 Kg
Mfg. Date	June - 2025	Retest. Date	May - 2029

S. No.	Test Parameter	Specification	Result
1.	Description	White to off white extremely hygroscopic powder	Off white extremely hygroscopic powder
2.	Identification	A. Infrared absorption spectroscopy B. To comply for Sodium as per USP <191> (0.5g in 10ml of water) C. To comply for specific rotation	Complies
3.	Clarity and colour of the solution	A 2.5g/50ml solution in water should not show more absorbance than 0.35 at 420nm.	Complies
4.	Specific optical rotation (30mg/ml solution in water)	-20.0° and -30.0°	-24.3°
5.	pH (1% solution)	5.5 and 7.5	6.3
6.	Loss on drying	NMT 12.0% w/w	6.80%
7.	Residue on ignition (on dried basis)	20.0% and 30.0% w/w	24.50%
8.	Chlorides	NMT 0.5%	Complies
9.	Sulphate	NMT 0.24%	Complies
10.	Assay (Content of Chondroitin Sulphate Sodium on dried basis)	Not less than 90.0% and Not more than 105.0%	94.40%
11.	Protein (on dried basis)	NMT 6.0%	Complies
12.	Residual Solvents Methanol	NMT 3000 ppm	Complies
13.	Total bacterial count	NMT 1000 cfu/g	400 cfu/g
14.	Total combined molds and yeast count	NMT 100 cfu/g	20 cfu/g
15.	E.coli	Should be absent	Absent
16.	Salmonella	Should be absent	Absent
17.	Particle size	100% passing through 60 mesh	100%
Remarks: The material complies with the above specification			

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Name	Praveen Kumar J	Karthik V Suvarna	Prashant Mishra
Date	04/10/2025	04/10/2025	04/10/2025
Sign			

