

Certificate of Analysis

Promecens Sulphonated Chitosan

- **Product Name:** Sulphonated Chitosan (SCh)
- **CAS No.:** 9012-76-4
- **Molecular Weight (Avg.):** 209.21 kDa (Customizable)
- **Batch No.:** SCh/01/2025
- **Date of Manufacture:** June 2025
- **Expiry Date:** May 2028
- **Manufacturer:** Promecens Entosystems Private Limited

Analytical Test Results

Sr. No.	Test Parameter	Result
1	Appearance	Off-white to pale beige powder
2	Odor	Odorless
3	Solubility (in water)	Passes
4	Purity (on dry basis)	≥ 99.08%
5	Sulphur Content (w/w)	6.8%
6	pH (1% solution)	4.8
7	Moisture Content (K.F.)	8.3%
8	Insoluble Matter	0.15%
9	Heavy Metals (as Pb, ppm)	Not detected (NIL)
10	Degree of Sulfonation (DS)	0.95

The batch meets all internal specifications for Sulphonated Chitosan, confirming its suitability for use in pharmaceutical, biomedical, agricultural, and cosmeceutical applications.

Issued on behalf of Promecens Entosystems Private Limited