

## Certificate of Analysis

### Promecens Chitosan Hydrochloride (Water-Soluble)

**Product Name:** Chitosan – Water Soluble

**Batch No.:** CH/02/2025

**CAS No.:** 70694-72-3

**Date of Manufacture:** May 2025

**Expiry Date:** April 2028

**Manufacturer:** Promecens Entosystems Private Limited

#### Test Results

Parameter	Specification	Result
Appearance	Off-white/light brown powder or flakes	Off-white or cream powder
Purity	95% – 100%	98.5%
Viscosity (cS)	1 – 20 cS	1.3 cS
Water Solubility (1g/100ml, RT)	Soluble (with stirring)	Passes
pH (1% solution in distilled water)	2.0 – 5.5	3.40
Solubility in DM Water	8% – 10%	9.89%
Insoluble Matter in Water	Max 1%	0.10%

#### Remarks

The product **meets all required quality specifications** and has passed comprehensive quality testing for solubility, viscosity, and purity.

#### Authorized Signatory:

*Abhinav Chauhan*

Quality Assurance

Issued on behalf of Promecens Entosystems Pvt. Ltd.