

Certificate of Analysis

Product Name: Native Chitosan

Batch No.: Ch/01/2025

CAS No.: 9012-76-4

Molecular Weight (Avg.): 153 kDa (Customizable)

Date of Manufacture: July 2025

Expiry Date: June 2028

Manufacturer: Promecens Entosystems Private Limited

Parameter	Specification	Result
Degree of Deacetylation (DDA)	>95%	98.1%
Appearance	Off white Powder	Off white Powder
Mesh Size	35	35
Solubility (1% in 1% acetic acid)	Completely soluble	Completely soluble
Ash Content	<3%	1.6%
pH	6.5 – 8	7.5
Moisture Content	<10%	6.5%
Viscosity (1% in 1% acetic acid)	>200 cps	300 cps

Remarks:

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

Issued on behalf of

Promecens Entosystems Private Limited