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CERTIFICATE OF ANALYSIS

Name of the Sample : Sodium Alginate
Batch No. : 228554
Date of Mfg. : May 2025
Date of Exp : April 2030
Register No. : 2025-26
Qty of Sample : 100gm
Date of Analysis : May 2025

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Cream to pale yellowish brown colored powder
2.	Assay	97.6%	91 – 106%
3.	Moisture at 105°C	9.11%	Max.15%
4.	Arsenic	<0.0003%	Max.0.0003%
5.	Chloride	<1.0%	Max.1.0%
6.	Ash contents (muffled at 800°C on dry basis)	18.02%	18 - 27%
7.	Lead	<0.0005%	Max 0.0005%
8.	Heavy metals	<0.004%	Max.0.004%
9.	Viscosity (1% w/w soln.) at 25°C on dry basis	284 cps	Min. 30 cps

Chief Chemist