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CERTIFICATE OF ANALYSIS

Name of the Sample : Sodium Alginate
Batch No. : 227212
Date of Mfg. : Dec 2023
Date of Exp : Nov 2028
Register No. : 2023-24
Qty of Sample : 100gm
Date of Analysis : Dec 2023

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Cream to pale yellowish brown colored powder
2.	Assay	98.02%	91 – 106%
3.	Moisture at 105°C	8.95%	Max.15%
4.	Arsenic	0.0003%	Max.0.0003%
5.	Chloride	0.075%	Max.1.0%
6.	Ash contents (muffled at 800°C on dry basis)	24.9%	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	32.5 cps	Min. 30 cps

Chief Chemist