

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SODIUM ALGINATE (Confirming to NF)**  
(Sodium polymannuronate)

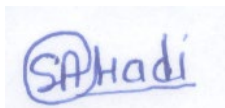
**CAS No : 9005-38-3**  
**Mol. Formula : (C<sub>6</sub>H<sub>7</sub>O<sub>6</sub>Na)**  
**Date of analysis : 20/02/25**

**Product code : 18080**  
**Batch No. : MCR-33268**  
**Mfd. : Feb. 2025**  
**Exp. : Jan. 2030**

S.R	Test	Specification	Observation
1	<b>Description</b>	White to cream or yellowish brown powder.	Cream powder.
2	<b>Solubility</b>	Slowly soluble in water forms viscous solution insoluble in alcohol ether and chloroform.	Slowly soluble in water forms viscous solution insoluble in alcohol ether and chloroform.
3	<b>Assay</b>	91 - 106%	92.70%
4	<b>Moisture</b>	15% max	2.67%
5	<b>Matter insoluble in water</b>	1% max	0.06%
6	<b>Arsenic (As)</b>	0.0003% max	< 0.0003%
7	<b>Iron (Fe)</b>	0.03% max	<0.03%
8	<b>Lead (Pb)</b>	0.001% max	<0.001%
9	<b>Sulphated ash</b>	35% max	34.20%
10	<b>Sulphur</b>	0.02% max	<0.02%
11	<b>Phosphorus</b>	0.02% max	<0.02%
12	<b>Chloride (Cl)</b>	0.2% max	<0.2%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST**  
**(Sonu)**



[QC Incharge]



**HEAD-QUALITY ASSURANCE**  
**(G.G.Salian)**

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