

CERTIFICATE OF ANALYSIS

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

CAS No : 9005-38-3
Mol. Formula : (C₆H₇O₆Na)
Date of analysis : 12/03/25

Product code : 18080
Batch No. : MCR-33438
Mfd. : March 2025
Exp. : Feb. 2030

S.R	Test	Specification	Observation
1	Description	White to cream or yellowish brown powder.	Cream colour powder.
2	Solubility	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	Assay	91 - 106%	92.78%
4	Moisture	15% max	3.39%
5	Matter insoluble in water	1% max	0.08%
6	Arsenic (As)	0.0003% max	< 0.0003%
7	Iron (Fe)	0.03% max	<0.03%
8	Lead (Pb)	0.001% max	<0.001%
9	Sulphated ash	35% max	33.90%
10	Sulphur	0.02% max	<0.02%
11	Phosphorus	0.02% max	<0.02%
12	Chloride (Cl)	0.2% max	<0.2%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Sayli)**



[QC Incharge]



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

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