



CERTIFICATE OF ANALYSIS

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

CAS No : 9005-38-3
Mol. Formula : (C₆H₇O₆Na)
Date of analysis : 26/11/24

Product code : 18080
Batch No. : MCR-32475
Mfd. : Nov. 2024
Exp. : Oct. 2029

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%	92.8%
4	Moisture	15% max	2.24%
5	Matter insoluble in water	1% max	0.07%
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	34.54%
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
(Akash)

[QC Incharge]

HEAD-QUALITY ASSURANCE
(G.G.Salian)

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