

CERTIFICATE OF ANALYSIS

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

CAS No	: 9005-38-3	Product code	: 18080
Mol. Formula	: (C ₆ H ₇ O ₆ Na)	Batch No.	: MCR-31890
Date of analysis	: 10/09/24	Mfd.	: Sept. 2024
		Exp.	: Aug. 2029

S.R	Test	Specification	Observation
1	Description	White to cream or yellowish brown powder.	Yellowish brown 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	4.50%
5	Matter insoluble in water	1% max	0.06%
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	34.20%
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]

[QC Incharge]



CHEMIST
(Sayli)



HEAD-QUALITY ASSURANCE
(G.G.Salian)

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