

CERTIFICATE OF ANALYSIS

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

CAS No : 9005-38-3
Mol. Formula : (C₆H₇O₆Na)
Date of analysis : 16/09/24

Product code : 18080
Batch No. : MCR-31942
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%	92.46%
4	Moisture	15% max	2.17%
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	34.81%
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)

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.