



CERTIFICATE OF ANALYSIS

Date: 20/04/16

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

CAS No : 9005- 38- 3
Mol. Formula : (C₆H₇O₆Na)
Mfd. : April 2016

Product code : 18080
Batch No : MCR-11547
Exp. : March 2021

S. R	Test	Specification	Observation
1	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.
2	Assay	91-106%	91.24%
3	Moisture	15% max	4.98%
4	Matter insoluble in water	1% max	0.08%
5	Arsenic (As)	0.0003% max	< 0.0003%
6	Iron (Fe)	0.03% max	<0.03%
7	Lead (Pb)	0.001% max	<0.001%
8	Sulphated ash	35% max	13.6%
9	Sulphur	0.02% max	<0.02%
10	Phosphorus	0.02% max	<0.02%
11	Chloride (Cl)	0.2% max	<0.2%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : info@molychem.net
Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503