



CERTIFICATE OF ANALYSIS

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

CAS No : 9005-38-3

Mol. Formula : (C₆H₇O₆Na)

Date of analysis : 13/07/23

Product code : 18080

Batch No. : MCR-28661

Mfd. : July 2023

Exp. : June 2028

| S.R | Test | Specification | Observation |
|-----|----------------------------------|---|---|
| 1 | Description | White 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% | 93.80% |
| 4 | Moisture | 15% max | 2.60% |
| 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 | 31.30% |
| 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
(Jyoti)

HEAD-QUALITY ASSURANCE
(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