



CERTIFICATE OF ANALYSIS

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

CAS No : 9005- 38- 3
Mol. Formula : (C₆H₇O₆Na)
Date of analysis : 25/04/22
Mfd. : April 2022

Product code : 18080
Batch No. : MCR-25518
Exp. : March 2027

| 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% | 92.2% |
| 4 | Moisture | 15% max | 4.80 % |
| 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 | 31.42% |
| 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]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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