



## CERTIFICATE OF ANALYSIS

Date: 20/09/18

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

**CAS No** : 9005- 38- 3  
**Mol. Formula** : (C<sub>6</sub>H<sub>7</sub>O<sub>6</sub>Na)  
**Mfd.** : Sept. 2018  
**Exp.** : Aug. 2023

**Product code** : 18080  
**Batch No** : MCR-16914

S. R	Test	Specification	Observation
1	<b>Description</b>	White or yellowish brown powder.	yellowish brown powder.
2	<b>Solubility</b>	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	<b>Assay</b>	91-106%	92.2%
4	<b>Moisture</b>	15% max	5.34 %
5	<b>Matter insoluble in water</b>	1% max	0.06%
6	<b>Arsenic (As)</b>	0.0003% max	< 0.0003%
7	<b>Iron (Fe)</b>	0.03% max	<0.03%
8	<b>Lead (Pb)</b>	0.001% max	<0.001%
9	<b>Sulphated ash</b>	35% max	34%
10	<b>Sulphur</b>	0.02% max	<0.02%
11	<b>Phosphorus</b>	0.02% max	<0.02%
12	<b>Chloride (Cl)</b>	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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