



## CERTIFICATE OF ANALYSIS

Date: 29/05/13

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

**CAS No : 9005- 38- 3**

**Product code : 18080**

**Mol. Formula : (C<sub>6</sub>H<sub>7</sub>O<sub>6</sub>Na)**

**Batch No : MCR-6765**

**Mfd. : May 2013**

S. R	Test	Specification	Observation
1	<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.
2	<b>Assay</b>	91-106%	91.28%
3	<b>Moisture</b>	15% max	5.56 %
4	<b>Matter insoluble in water</b>	1% max	0.08%
5	<b>Arsenic (As)</b>	0.0003% max	< 0.0003%
6	<b>Iron (Fe)</b>	0.03% max	<0.03%
7	<b>Lead (Pb)</b>	0.001% max	<0.001%
8	<b>Sulphated ash</b>	35% max	13.0%
9	<b>Sulphur</b>	0.02% max	<0.02%
10	<b>Phosphorus</b>	0.02% max	<0.02%
11	<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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