



CERTIFICATE OF ANALYSIS

Date: 31/08/13

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

CAS No : 9005- 38- 3

Product code : 18080

Mol. Formula : (C₆H₇O₆Na)

Batch No : MCR-7093

Mfd. : Aug. 2013

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%	91.21%
3	Moisture	15% max	5.89 %
4	Matter insoluble in water	1% max	0.06%
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	13.5%
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.

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