



Qualikems Lifesciences Pvt. Ltd.

Ho & Works : Plot No. 68-69, G.I.D.C Industrial Estate, Nandesari, Vadodara-391340 (Guj.)
 Telefax : 91-265-2841531, 2841532, 2841534, 2841535
 Email: salesindia@qualikems.com, www.qualikems.com

CERTIFICATE OF ANALYSIS

Name of Product	:	Sodium Alginate	CAS No.	:	9005-38-3
Molecular Formula	:	(C ₆ H ₇ NaO ₆) _n	Molecular Weight	:	216.12 g/mole
Batch No.	:	QF2512223	Grade	:	LR
Mfg. Date	:	December-2025	Retest Date	:	November-2030

Sr. No.	Tests	Specification	Observation
1	Appearance	White to Yellow powder	Complies
2	Minimum Assay	91.0 %	91.29 %
3	Viscosity Soln. 1% w/v at 25°C	5.0-40.0 cps	Complies
	Maximum Limits of Impurities		
5	Moisture	20.0 %	10.14 %
6	Arsenic(As)	3 ppm	< 3 ppm
7	Iron (Fe)	300 ppm	<300 ppm
8	Lead (pb)	10 ppm	6 ppm
9	Ash Content Ignition loss at 1100°C	25.0 %	22.3 %
10	Sulphated ASh	35.0 %	33.1 %
11	Sulphur	0.02 %	0.01 %
12	Phosphorous	0.02 %	0.01 %
13	Chloride (Cl)	0.02 %	<0.02 %

Conclusion: Product complies as per above specification.

Note: This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance.

Sales Office : 5531, Basti Harphool singh Sadar Thana Road, Delhi-110006, INDIA
 Tel : +91-11-23618475/23618476 | Fax:+91-11-23678476



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