

423 – SODIUM ALGINATE

REF NO: TBL/QA/SS/LC/423	STANDARD SPECIFICATION FOR SODIUM ALGINATE	Rev. No: 03
Issue No: 04		Review Date: 01/11/2024
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PRODUCT PROPERTIES

C.A.S Number	9005-38-3
Chemical Formula	$C_6H_9NaO_7$
Formula weight	216.12
Functional Uses	Stabilizer, Thickener, emulsion etc.
Standard Packaging	500 gm., 5 kg & 25 kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to yellowish brown filamentous, grainy, granular or powdered forms.
Solubility	Dissolves slowly in water, forming a viscous solution; insoluble in ethanol and ether.
Test for Alginate	Passes Test
Test for Sodium	Passes Test

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on Drying (at 105°C, 4 hours)	NMT – 15.0%
Water insoluble matter	NMT – 2.0%
Arsenic	NMT – 3 mg/Kg
Lead	NMT – 5 mg/Kg

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

