

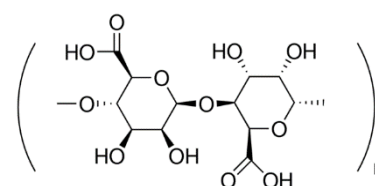


Product Specification

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ALGINIC ACID

PRODUCT CODE	027898
SYNONYMS	--
C.I. NO.	--
CASR NO.	(9005-32-7)
ATOMIC OR MOLECULAR FORMULA	(C₆H₈O₆)_n
ATOMIC OR MOLECULAR WEIGHT	(176.13)_n
PROPERTIES	Insoluble in organic solvents, slowly soluble in alkaline solutions. Absorbs up to 300 times its weight of water.



PARAMETER	LIMIT
Description	White to pale yellowish brown crystalline or amorphous powder.
Solubility	Very slightly soluble or practically insoluble in alcohol, practically insoluble in organic solvents. It swells in water but does not dissolve; it dissolves in solutions of alkali hydroxides.
Identification	Passes test.
Assay (as COOH, w.r.t. dried subs.)	19 - 25%
pH (of 3% solution in water)	1.5 – 3.5
Acid value	Min. 230

MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	1.0%
Arsenic (As)	0.0003%
Heavy metals (as Pb)	0.002%
Loss on drying(105°C for 4 Hrs.)	15.0%
Microbial limits (Total viable aerobiccount)	100 org/g
Sulphated ash	8.0%

Note(s) :Assay (if applicable) method mentioned.	
WARNING Hazard statements : Not hazardous. Precautionary statements Prevention: ----- Response: ---	IMDG Code : -- UN No. : -- IATA : --
Disposal: The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber..	
Hazard Pictogram(s) :-----	