



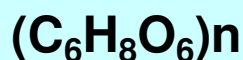
SDFCL
s d fine-chem limited

Quality Control Dept.

Product Specification



E Control	QC2\DATAD\D:\PS\37898XPS.xls
PRODUCT CODE	37898
PRODUCT NAME	ALGINIC ACID PRACT Meets Analytical Specification of BP, Ph. Eur
SYNONYMS	--
C.I. NO.	--
CASR NO.	(9500-32-7)
ATOMIC OR MOLECULAR FORMULA	(C ₆ H ₈ O ₆) _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
Loss on drying (105 °C for 4 Hrs.)	Max.15.0%
Sulphated ash	Max.8.0%
Acid value	Min. 230
MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	1.0%
Arsenic (As)	0.0003%
Heavy metals (as Pb)	0.002%
Microbial limits (Total viable aerobic count)	100 org/g

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) :--

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 02
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