



Product Specification

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AGAR POWDER ULTRA PURE

PRODUCT CODE	333085
SYNONYMS	--
C.I. NO.	--
CASR NO.	(9002-18-0)
ATOMIC OR MOLECULAR FORMULA	--
ATOMIC OR MOLECULAR WEIGHT	---
PROPERTIES	Strongly hydrophilic, it absorbs 20 times its weight of cold water with swelling.
PARAMETER	LIMIT
Description	Cream coloured free flowing powder.
Solubility	Insoluble in cold water, soluble in boiling water.
Clarity of soln. (1.5% aq. soln. after autoclaving)	Clear.
Gelling Temp.	35°C ± 1°C
Gelling Strength	About 750 gms/cm ²
Swelling Index	Not less than 15.
Water Absorption	Not more than 75 ml water is obtained.
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying	10%
Sulphated Ash	4%
Foreign Insoluble matter	1.0%
Foreign Starch	To pass the test.
Foreign Orgnic matter	1.0%
Total Bacterial Count	1000 organisms /gm
Note(s) : Assay (if applicable) method mentioned.	
WARNING Hazard statements :Causes eye irritation. Precautionary statements Prevention: Wash thoroughly after handling. Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.	IMDG Code : UN No. : IATA :
Disposal: This chemical can be disposed off as normal industrial waste.	
Hazard pictogram(s) :	

Replace date 29-May-2023