



Product Specification

cdhfinechemical.com

AGAR POWDER BACTERIOLOGICAL

PRODUCT CODE	333025
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	White to yellowish white or pale yellow powder.
Solubility	1.5% Insoluble in cold water. Soluble in boiling water.
Clarity of soln. (1 .5% Solution in water after autoclaving)	Passes test.
Gelling Temp.	Below 40°C
Gel formation (1.5% aq. solution)	Passes test.
pH at 25°C	6.0-8.0
Melting range	88-91°C
Mesh	80
Gel strength	900 gr/cm ²
Viscosity	10-40 cps
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying (105°C)	20.0%
Ashes	3.0%
Residue on ignition	5.0%
Foreign starch	Passes test.
Total Bacterial count (cfu/g)	Less than 1000
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 02-July-2026