



# Product Specification

cdhfinechemical.com

## AGAR POWDER BACTERIOLOGICAL

<b>PRODUCT CODE</b>	<b>033004</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(9002-18-0)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	--
<b>ATOMIC OR MOLECULAR WEIGHT</b>	---
<b>PROPERTIES</b>	<b>Strongly hydrophilic, it absorbs 20 times its weight of cold water with swelling.</b>
<b>PARAMETER</b>	<b>LIMIT</b>
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 (10% in suspension)	6.0-7.5
Melting range	88-91°C
Mesh	80
Gel strength	900 gr/cm <sup>2</sup>
Viscosity	10-40 cps
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
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
<b>Note(s) : Assay (if applicable) method mentioned.</b>	
<b>WARNING</b> <b>Hazard statements :</b> Causes eye irritation . <b>Precautionary statements</b> <b>Prevention:</b> Wash thoroughly after handling. <b>Response:</b> 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 :
<b>Disposal:</b> This chemical can be disposed off as normal industrial waste.	
Hazard pictogram(s) :	