



Product Specification

Product Name: AGAR 1000 Gel LR

Alternate Name(s) Agar-Agar.

Description

White to pale powder; odourless; tasteless.

Properties

Chemical Formula:

Molecular Weight:

Product Code: AL027

CAS No. 9002-18-0

General Information:

Insoluble in cold water and alcohol. Slightly soluble in hot water to a viscid solution. A 1% solution forms a stiff jelly on cooling.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH0M

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Quality Specification

Assay:

Specific Properties and Impurities [Typical levels]:

Gel strength	>1000 g/cm ²
pH Solution 1.5%	6.0 - 7.5
Ash	≤ 3%
Moisture	≤ 15%
Ash (Acid Insoluble)	≤ 0.5%

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