

TIQ-F-QC-003  
 Rev.00

## Technical Data Sheet

# AGAR POWDER PLANT TISSUE CULTURE

Gum agar

<b>Product Code</b>	L-1228	<b>Grade</b>	Plant tissue culture
<b>Purity</b>	Not Applicable	<b>CAS No</b>	9002-18-0
<b>Molecular Formula</b>	Not Applicable	<b>Molecular Weight</b>	Not Applicable
<b>H.S.Code</b>	1302.3100	<b>Shelf Life</b>	36 Months

## Physical Properties

<b>Physical state</b>	powder	<b>Colour</b>	Beige
<b>pH</b>	5,0 - 7 at 15 g/l at 50 °C		

## Packaging

100 g, 500 g, 1000 g

## Specification

Appearance	White to Light Yellow powder
Solubility	soluble in water heated to boiling and insoluble in cold water & alcohol
Gel Strength (1.5% gel)	900 ± 40 g/cm <sup>2</sup>
Particle size	about 80 mesh
pH	6.0 - 8.0
Loss on drying (at 105 °C)	max 20 %
Clarity and color of solution	clear yellowish

## Safety Information and Hazard Symbols

### NO GHS

Symbol: not applicable

Signal Word: not applicable

UN No.: not applicable

IMCO Class No.: not applicable

Packing Group: not applicable

Hazardous Statement: not applicable

Precaution Statement: not applicable