



## CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

<b>Product Name: Plant Agar (Tissue culture grade)</b>	
<b>Product Code: TC001</b>	<b>Expiry Date : 04/02/2024</b>
<b>Lot Number: 00950216</b>	<b>Release Date: 04/02/2016</b>
<b>Analytical Report Number: QAD/AR-16/02-246</b>	<b>Page No : Page 1 of 2</b>

TESTS CONDUCTED	SPECIFICATIONS	OBSERVATIONS	REMARKS
CAS No.	9002-18-0	9002-18-0	Complies
Chemical Name	Not Applicable	Not Applicable	Complies
Formula	Not Applicable	Not Applicable	Complies
Molecular weight	Not Applicable	Not Applicable	Complies
Appearance	Cream colored powder, colored, homogenous free flowing powder.	Cream colored powder, colored, homogenous free flowing powder.	Complies
Solubility	Freely soluble in hot water at temperatures above 85°C. Insoluble in cold water.	Freely soluble in hot water at temperatures above 85°C. Insoluble in cold water.	Complies.
Clarity	A firmly solid, clear to slightly opalescent gel is formed at a concentration of 1.5% at 38-40°C	A firmly solid, clear to slightly opalescent gel is formed at a concentration of 1.5% at 38-40°C	Complies.
Ph (10% Suspension)	6.00-8.50	7.88	Complies.
Moisture	<=12%	9.9%	Complies.
ASHES	<=3.0%	2.1%	Complies.
Granulometry	80MESH	80MESH	Complies.
Gel Strength (g/cm <sup>2</sup> )	>=900	910	Complies.

Test 1.5% after autoclaving 121°C 20 MINUTES COOLED TO 60°C

Rev. 00

10/12/2014

QAD/FR/01

Micromaster Laboratories Pvt. Ltd.  
Manufacture & Exporter

Culturing your needs in Microbiology...

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TESTS CONDUCTED	SPECIFICATIONS	OBSERVATIONS	REMARKS
Gel Strength (g/cm <sup>2</sup> )	>=900	940	Complies.
Viscosity (CPS)	20-50	28	Complies.
Gelling Point°C	36-39°C	CORRESPONDING	Complies.
MICROBIOLOGICAL DATA			
Total Plate count	<=5000cfu/g	600 cfu/g	Complies.

## Final Results: **COMPLIES**

This is to certify that this lot passes and it conforms to the above mentioned tests and specifications.

		
<b>TESTED BY</b> (Sneha Daragshetti) MICROBIOLOGIST	<b>CHECKED BY</b> (Swati More) HEAD MICROBIOLOGY	<b>APPROVED BY</b> (Rupali Sabale) HEAD QUALITY ASSURANCE

End Of The Report

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