

## CERTIFICATE OF ANALYSIS

PRODUCT NAME.	Granulated Agar
CAS NO.	9002-18-0
BATCH NO.	17/MFM/2000
MANUFACTURING DATE:	June 2017
EXPIRY DATE:	June 2022

TESTS	SPECS	RESULTS
Appearance	Free Flowing powder no oxidants	Conforms
Colour	Light Cream	Conforms
Mesh size (ASTM) on 20mesh %	Pass	Conforms
Mesh size (ASTM) on 80mesh %	>50	Conforms
Mesh size (ASTM) on 200mesh %	>90	Conforms
Gel Strength (Nikken method) g/cm <sup>2</sup>	700-1000	790
Moisture %	≤15	11.5
Total ash Contents %	≤5.0	3.0
pH (1.5% Solution 100°C)	6.2-7.2	6.8
Gelling Point (1.5 solution) °C	36.0-37.0	36.5
Melting Point (1.5 solution) °C	>85.0	89.0
Turbidity after autoclave NTU	≤ 5.0	3.4
Growth support capability	Growth of all control cultures is typical & comparable to control	Conforms

\* This material is supplied for laboratory use only.

Supplier: Formedium Ltd

Approved by:

For and on behalf of  
**FORMEDIUM Ltd, Unit 1B**  
 Hunstanton Commercial Park  
 PE36 5JQ, England  
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 (Authorised Signature) Date: 20 Nov 2017