

CERTIFICATE OF ANALYSIS

PRODUCT NAME. Agar
 CAS NO. 9002-18-0
 BATCH NO. 19/MFM/2364
 MANUFACTURING DATE: July 2019
 EXPIRY DATE: July 2023

TESTS	SPECS	RESULTS
Appearance	Powder	Conforms
Colour	Cream-white	Conforms
Sieve analysis (ASTM / Retained on Mesh 80)	Max 5%	< 5%
Gel Strength (after autoclave)	>900 - <1050 g/cm2	960
Loss on drying	< 10%	8.83%
pH (1.5% solution) Gel after autoclave	6 – 7.5	6.11
Ash content	<5%	3.10%
Nephelos after autoclaving	< 10 NTU	3.9
Color		
Absorbance 430nm. (in 1.5 sol) After Autoclaving	<0.085	0.044
Melting Point °C	> 85	91.0
Gelling Point °C	34 - 36°C	35
Calcium ppm	<2000	1551
Magnesium ppm	<1000	820
Toxic substances	Absence	Conforms

* This material is supplied for Research Use only.

Supplier: Formedium Ltd

Approved by:



For and on behalf of
FORMEDIUM Ltd, Unit 1B
 Hunstanton Commercial Park
 PE36 5JQ, England

Date: 09 Aug 2019

 (Authorised Signature)