

# CERTIFICATE OF ANALYSIS

Product : **MICRO AGAR**  
 Product number : M1002  
 Batch number : 016761  
 Date of production : 17-12-2021  
 Date of expiry : 31-12-2025

Packaging and storage : in a well-closed container, under dry and cool conditions

	<b>SPECIFICATION</b>	<b>RESULT</b>	<b>UNITS</b>	<b>REMARKS</b>
Appearance	powder	complies		
Colour	cream-white	complies		
Sieve Analysis	≤ 5	< 5	%	ASTM, on mesh 80
Gel strength (Nikkan)	900 – 1050	965	g/cm <sup>2</sup>	after autoclaving
Loss on drying	≤ 10	7.28	%	
Total ashes	≤ 5	2.83	%	
pH	6 – 7.5	6.11		1.5% solution
Nepheles	≤ 10	4.72	NTU	after autoclaving
Melting point	> 85	91	°C	
Gelling point	34 – 36	35	°C	
Calcium	≤ 2000	1994	ppm	
Magnesium	≤ 1000	474	ppm	
Toxic substances	absence	absence		

This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:



J. van der Eem, MSc, pharmacist  
 Department of Quality Control Duchefa B.V.

Date: 02-02-2022

The buyer is responsible to test each batch to ensure the product is suitable for their specific purpose.

Duchefa Biochemie B.V.