

## CERTIFICATE OF ANALYSIS

Product : **MICRO AGAR**  
 Product number : M1002  
 Batch number : 016040  
 Date of production : 24-02-2021  
 Date of expiry : 28-02-2025

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

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	powder	complies		
Colour	cream-white	complies		
Sieve Analysis	≤ 5	< 5	%	ASTM, on mesh 80
Gel strength (Nikkan)	900 – 1050	910	g/cm <sup>2</sup>	after autoclaving
Loss on drying	≤ 10	7.90	%	
Total ashes	≤ 5	3.21	%	
pH	6 – 7.5	6.09		1.5% solution after autoclaving
Nephelos	≤ 10	3.7	NTU	after autoclaving
Melting point	> 85	90.5	°C	
Gelling point	34 – 36	35	°C	
Calcium	≤ 2000	1848	ppm	
Magnesium	≤ 1000	566	ppm	
Toxic substances	absence	absence		

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

Conclusion: approved

Released by:

drs. M. van Wissen, pharmacist  
Department of Quality Control Duchefa B.V.

Date: 01-04-2021



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

Duchefa Biochemie B.V.