

CERTIFICATE OF ANALYSIS

Product : **MICRO AGAR**
 Product number : M1002
 Batch number : 019454
 Date of production : 01-08-2025
 Date of expiry : 31-08-2029

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	935	g/cm ²	after autoclaving
Loss on drying	≤ 10	6.93	%	
Total ashes	≤ 5	2.47	%	
pH	6 – 7.5	6.10		1.5% solution
Nephelos	≤ 10	4.84	NTU	after autoclaving
Melting point	> 85	91	°C	
Gelling point	34 – 36	35	°C	
Calcium	≤ 2000	1713	ppm	
Magnesium	≤ 1000	983	ppm	
Toxic substances	absence	absence		

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

Conclusion: approved

Released by:

Q. de Hoog, MSc, pharmacist
 Department of Quality Control Duchefa Biochemie B.V.

Date: 09-09-2025

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

Duchefa Biochemie B.V.