

CERTIFICATE OF ANALYSIS

Product : **MICRO AGAR**
 Product number : M1002
 Batch number : 019360
 Date of production : 03-06-2025
 Date of expiry : 30-06-2029

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	985	g/cm ²	after autoclaving
Loss on drying	≤ 10	7.98	%	
Total ashes	≤ 5	2.61	%	
pH	6 – 7.5	6.25		1.5% solution
Nephelos	≤ 10	3.59	NTU	after autoclaving
Melting point	> 85	91.5	°C	
Gelling point	34 – 36	35	°C	
Calcium	≤ 2000	1874	ppm	
Magnesium	≤ 1000	923	ppm	
Toxic substances	absence	absence		

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

Conclusion: approved

Released by:



S. Bayat, MSc, pharmacist

Department of Quality Control Duchefa Biochemie B.V.

Date: 24-07-2025

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

Duchefa Biochemie B.V.