



CERTIFICATE OF ANALYSIS

Product : **MICRO AGAR**
Product number : M1002
Batch number : 018783
Date of production : 05-09-2024
Date of expiry : 30-09-2028

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	960	g/cm ²	after autoclaving
Loss on drying	≤ 10	6.54	%	
Total ashes	≤ 5	2.80	%	
pH	6 – 7.5	6.19		1.5% solution
Nephelos	≤ 10	4.15	NTU	after autoclaving
Melting point	> 85	91	°C	
Gelling point	34 – 36	35	°C	
Calcium	≤ 2000	1880	ppm	
Magnesium	≤ 1000	862	ppm	
Toxic substances	absence	absence		

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

Conclusion: approved

Released by:

Date: 24-10-2024

S. Bayat, MSc, pharmacist
Department of Quality Control Duchefa B.V.

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

Duchefa Biochemie B.V.