

## CERTIFICATE OF ANALYSIS

Product : **MICRO AGAR**  
 Product number : M1002  
 Batch number : 015521  
 Date of production : 11-06-2020  
 Date of expiry : 30-06-2024

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	910	g/cm <sup>2</sup>	after autoclaving
Loss on drying	≤ 10	7.38	%	
Total ashes	≤ 5	3.14	%	
pH	6 – 7.5	6.09		1.5% solution
Nepheles	≤ 10	4.3	NTU	after autoclaving
Melting point	> 85	90.5	°C	
Gelling point	34 – 36	35	°C	
Calcium	≤ 2000	1834	ppm	
Magnesium	≤ 1000	694	ppm	
Toxic substances	absence	complies		

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: 23-07-2020



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

Duchefa Biochemie B.V.