

CERTIFICATE OF ANALYSIS

Product : **PHYTO AGAR**
 Product number : P1003
 Batch number : 017586
 Date of manufacturing : 06-02-2023
 Expiry date : 28-02-2027

Packaging and storage : store at room temperature in a well-closed container

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	powder	complies		
Identification (B, C)	conform	complies		
Colour	pale yellow	complies		
Gel strength	950 – 1050	960	g/cm ²	Nikkan method
Loss on drying	≤ 18	5.94	%	
Total ash	≤ 3.5	2.65	%	
pH	6.0 – 7.5	6.32		1.5% solution
Nephelos	≤ 40	7.77	NTU	
Melting point	85 – 95	92	°C	
Gelling point	34 – 36	35	°C	
Water absorption	≤ 75	< 75	ml	
Total plate count	≤ 1000	< 1000	cfu/g	
Gelatin	absence	absence		
Starch	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: 01-05-2023



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

CERTIFICATE OF ANALYSIS

Product : **PEPTONE**
 Product number : P1328
 Batch number : 017682
 Date of production : 02-11-2022
 Date of analysis : 21-11-2022
 Date of expiry : 30-11-2027

Packaging and storage : store at room temperature in a well-closed container

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white cream powder	complies		
Solubility	soluble in water	complies		100 g/l
pH	6.0 – 7.0	6.7	%	5% solution
Loss on drying	≤ 6.0	3.2	%	
Total nitrogen TN	11.5 – 13.0	11.7	%	
α-amino nitrogen AN	3.5 – 5.0	4.4	%	
AN/TN x 100	26 – 43	38		
Residue on ignition	≤ 19.0	16	%	
Chloride	≤ 6	3	%	NaCl
Total aerobic microbial count	≤ 10000	57	/g	
Staphylococcus aureus	absent	complies	/10g	
Salmonella	absent	complies	/25g	
Escherichia coli	absent	complies	/1g	
Coliformes	≤ 10	< 10	/g	
Yeasts and moulds	≤ 20	complies	/g	

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 B.V.

Date: 19-04-2023

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

Duchefa Biochemie B.V.