



CERTIFICATE OF ANALYSIS

Product : **PHYTO AGAR**
Product number : P1003
Batch number : 015043
Date of manufacturing : 20-11-2019
Expiry date : 30-11-2023

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 | 10.70 | % | |
| Total ash | ≤ 3.5 | 3.23 | % | |
| pH | 6.0 – 7.5 | 6.21 | | 1.5% solution |
| Nepheles | ≤ 40 | 21.5 | NTU | |
| Melting point | 85 – 95 | 91 | °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. J. van der Eem, pharmacist
Department of Quality Control Duchefa B.V.

Date: 06-01-2020

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

Duchefa Biochemie B.V.

