

## CERTIFICATE OF ANALYSIS

Product : Carrageenan (Iota type)  
 Product number : C1006  
 Batch number : 010665  
 Date of manufacturing :  
 Date of analysis : 29-08-2014  
 Date of expiration : 31-08-2017  
 Packaging and storage : store dry at room temperature

|                    | RESULT                          | UNITS             | REMARKS             |
|--------------------|---------------------------------|-------------------|---------------------|
| Appearance         | light yellowish coloured powder |                   |                     |
| Moisture           | 11.5                            | %                 |                     |
| pH                 | 7.0                             | %                 |                     |
| Total heavy metals | < 20                            | ppm               |                     |
| Gel strength       | 1300                            | g/cm <sup>2</sup> | 1.5-2% KCL 20°C, 8h |
| Sulphate           | 15.75                           | %                 | dry substance       |
| Total ash          | 22.0                            | %                 | dry substance       |

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: 09-09-2014



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