



## CERTIFICATE OF ANALYSIS

Product : **CARRAGEENAN (IOTA type)**  
Product number : C1006  
Batch number : 019295  
Date of analysis : xx-04-2025  
Date of expiration : 30-04-2028

Packaging and storage : store dry at room temperature

	<b>SPECIFICATION</b>	<b>RESULT</b>	<b>UNITS</b>	<b>REMARKS</b>
Appearance	light yellowish powder	coloured	complies	
Solubility	soluble in water		complies	
Loss on drying	≤ 12		< 12	%
pH			7.0	
Arsenic (As)	≤ 3		≤ 3	ppm
Lead (Pb)	≤ 5		≤ 5	ppm
Mercury (Hg)	≤ 1		≤ 1	ppm
Cadmium (Cd)	≤ 2		≤ 2	ppm
Heavy metals	≤ 20		< 1	%
Microbiology:				
-Total plate count	≤ 5000		< 5000	ufc/g
-TYMC	≤ 300		< 300	ufc/g
- Escherichia coli	absent		complies	/5g
- Salmonella	absent		complies	/25g

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

Conclusion: approved

Released by:

Date 21-05-2025

Q. de Hoog, MSc, pharmacist  
Department of Quality Control Duchefa Biochemie B.V.

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

Duchefa Biochemie B.V.