



## CERTIFICATE OF ANALYSIS

Product : **CARRAGEENAN (IOTA type)**  
Product number : C1006  
Batch number : 019176  
Date of analysis : xx-03-2025  
Date of expiration : 31-03-2028

Packaging and storage : store dry at room temperature

	SPECIFICATION	RESULT	UNITS	REMARKS
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:

J. van der Eem, MSc, pharmacist  
Department of Quality Control Duchefa B.V.

Date 28-03-2025

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

Duchefa Biochemie B.V.