CERTIFICATE OF ANALYSIS

Product	:	**CARRAGEENAN (IOTA type)**
Product number	:	C1006
Batch number	:	012693
Date of analysis	:	31-01-2017
Date of expiration	:	31-01-2019
Packaging and storage	:	store dry at room temperature

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	light yellowish coloured powder	complies		
Solubility	soluble in water	complies		
Loss on drying	≤ 12	12	%	
Arsenic (As)	≤ 3	< 3	ppm	
Lead (Pb)	≤ 5	< 5	ppm	
Mercury (Hg)	≤ 1	< 1	ppm	
Cadmium (Cd)	≤ 2	< 2	ppm	
Heavy metals	≤ 20	< 20	ppm	
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: drs. M. van Wissen, pharmacist
Department of Quality Control Duchefa B.V.

Date: 06-02-2017

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

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