

RED B.V.  
Einsteinstraat 37

3316 GG Dordrecht

## Certificate of Analysis

No. 2024033429

Date of certificate: 14-10-2024  
Instruction received on 3-10-2024  
Sample received 7-10-2024  
Start of laboratory activities 7-10-2024  
End of laboratory activities 14-10-2024  
Product Sunflower lecithin  
Packing 1 Plastic bottle  
Sample quantity 578 ml  
Sample temperature Ambient  
Sample sealed Yes-2452303



### Customer sample information

Batch number BA001283  
Product Sunflower lecithin  
Sample number M20242801

### Test Results:

Expanded MU<sup>1</sup>


2024033429.00

#### Package

	<b>Arsenic (As) (7440-38-2)</b>	Less than 0,015 mg/kg
	<b>Cadmium (Cd) (7440-43-9)</b>	0,031 mg/kg
	<b>Lead (Pb) (7439-92-1)</b>	0,02 mg/kg
	<b>Mercury (Hg) (7439-97-6)</b>	Less than 0,02 mg/kg

#### Microbiology

##### Coliforms detection

 accredited method (accreditation number L440)

<sup>1</sup> The expanded measurement uncertainty is an estimated range of values that your measurement result could confidently (95%) be within.

All reported results are approved by the responsible labmanager.

The results of the examination refer exclusively to the checked samples, as received by NofaLab. This certificate may only be duplicated in total or if authorized by NofaLab in written form. Additional information concerning the performance characteristics of this analysis such as measurement uncertainty is available upon request. Interpretations of analysis results stated on this certificate are excluded from our scope of accreditation.

All analysis are performed at Jan van Galenstraat 51.

Our general terms & conditions are available on our website [www.nofalab.nl](http://www.nofalab.nl).



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Nofalab is certified by:



Nofalab is accredited by the council of the federation:




Results reported are expressed in product unless clearly stated otherwise.

GMP023912

Certificate No.2024033429Expanded MU¹

Date:14-10-2024

	Coliforms	Not detected per 1,0 gram
	Escherichia coli	Less than 10 cfu/g
	Total plate count 30°C	660 cfu/g
Yeasts & Moulds		
	Yeasts & moulds	micro-organisms present but less than 40 cfu/g
	Yeasts	Less than 10 cfu/g
	Moulds	micro-organisms present but less than 40 cfu/g

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## ANNEX

### Sample Determination

Method	Determination of metals, sulfur and phosphorus
Analysis	Arsenic (As),Mercury (Hg),Cadmium (Cd),Lead (Pb)
Norm	In-house method
WI	NL/26b
Device	ICP-MS/MS
Method	Escherichia coli (pourplate)
Analysis	Escherichia coli enumeration of $\beta$ -glucuronidase positive E.coli at 44°C
Norm	In accordance with ISO 16649-2
WI	NL/M013
Device	Colony count technique, 24 h. at 44°C
Method	Yeasts & moulds (pourplate)
Analysis	Yeasts & Moulds enumeration, colony count technique (pourplate) (ISO 21527-2)
Norm	In accordance with ISO 21527-2
WI	NL/M012
Device	Colony count technique, 120-168 h. at 25°C
Method	Total plate count (TPC) 30°C (pourplate)
Analysis	Total plate count 30°C enumeration, colony count technique (pourplate)
Norm	In accordance with ISO 4833-1
WI	NL/M009
Device	Colony count technique, 72 h. at 30°C
Method	Coliforms detection
Analysis	Coliforms detection per 1 gram
Norm	Equivalent to ISO 4831
WI	NL/M025
Device	Colony count technique, 48 h. at 37°C

### Sample preparation

Method	Pressure digestion
Norm	In accordance with NEN 13805

NofaLab B.V.  
F. Cobussen  
Managing Director




accredited method (accreditation number L440)

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