

RED B.V. Einsteinstraat 37

3316 GG Dordrecht

Certificate of Analysis

Date of certificate: 10-10-2024

Instruction received on 3-10-2024 Sample received 7-10-2024 Start of laboratory activities 7-10-2024 End of laboratory activities 10-10-2024 Product Rapeseed lecithin Packing 1 Plastic bottle Sample quantity 534 ml **Ambient** Sample temperature Sample sealed No

Customer sample information

Product Rapeseed lecithin Batch number BA001374 M20243801 Sample number

No. 2024033470



Test Results: Expanded MU¹

2024033470.00

Package

G.	Arsenic (As) (7440-38-2)	Less than 0,015 mg/kg
G.	Cadmium (Cd) (7440-43-9)	Less than 0,005 mg/kg
G.	Lead (Pb) (7439-92-1)	Less than 0,02 mg/kg
9	Mercury (Hg) (7439-97-6)	Less than 0,02 mg/kg

General

Q.	Aceton insoluble	66,4 %

accredited method (accreditation number L440)

¹ 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 perfomance 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.





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Gafta





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Results reported are expressed in product unless clearly stated otherwise.



Certificate No.

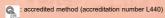
2024033470 Expanded MU1

Date:

10-10-2024

0,41 % (w/w)

G.	Acid value	23,7 mg KOH/g		
Q.	Color Gardner, dilution 10 (w/w) with toluene	11		
G.	Toluene insoluble matter	0,05 %		
	Viscosity at 25°C	23078 cP		
Metals				
Q.	Iron (Fe) (7439-89-6)	18,84 mg/kg		
	piology			
G.	Real time PCR Salmonella spp.	Not detected per 25 gram		
Other analysis				



Moisture

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ANNEX

Sample Determination

Sample preparation

Method Salmonella Real time PCR, detection Real time PCR Salmonella per 25 gram **Analysis** Equivalent to ISO 6579-1, Real time Norm PCR, (MicroVal 2014-LR43) Surefast

Salmonella-ONE NL/D005 §6.4 /§ 6.6 WI Real time PCR Device

Method **Determination of toluene insoluble**

matter

Analysis Toluene insoluble matter Equivalent to ISO 28198 Norm

WI NL/51 Device **Filtration**

Method **Determination of moisture content**

(Karl Fischer)

Analysis Moisture

Equivalent to AOCS Ja 2b-87 Norm

WI NL/34d Device **Titrator**

Method Method Determination of color Gardner, in Dilution 1:10 (w/w) with toluene

clear dilution 10 (w/w) with toluene **Analysis** Color Gardner, dilution 10 (w/w) with Norm In-house method

toluene

Equivalent to AOCS Ja 9-87 Norm

WI NL/52

Device Spectrocolorimeter

Method **Determination of aceton insoluble**

Analysis Aceton insoluble

Norm Equivalent to AOCS Ja 4-46

WI NL/49

Method Method Determination of metals, sulfur and **Pressure digestion**

phosphorus

Analysis Lead (Pb), Mercury (Hg), Cadmium

(Cd), Arsenic (As), Iron (Fe)

Norm In-house method

WI NI /26b ICP-MS/MS Device

NL/52

Norm In accordance with NEN 13805

accredited method (accreditation number L440)

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Method

Certificate No. 2024033470 Date: 10-10-2024

Sample preparation

ANNEX

Sample Determination

Determination of acid value

Analysis Acid value

Norm In accordance with AOCS Ja 6-55

WI NL/38 Device **Titrator**

Determination of viscosity by Method

brookfield

Analysis Viscosity at 25°C

Equivalent to AOCS Ja 10-87 Norm

Device **Brookfield Viscosity**

NofaLab B.V. F. Cobussen



: accredited method (accreditation number L440)

Managing Director

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