

RED B.V. Einsteinstraat 37

3316 GG Dordrecht

Certificate of Analysis

Date of certificate: 13-5-2025

Instruction received on 8-5-2025 Sample received 8-5-2025 Start of laboratory activities 8-5-2025 End of laboratory activities 13-5-2025

Product Soyabean lecithin Packing 1 Plastic bottle Sample quantity 500 ml **Ambient** Sample temperature Sample sealed No

Customer sample information

Batch number BA001627 Soybean lecithin Product M20251710 Sample number

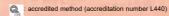
No. 2025016463



Test Results: Expanded MU¹

General

Aceton insoluble	58,0 %
O A delication	00.0 16011/2
Acid value	33,3 mg KOH/g
Color Gardner, dilution 10 (w/w) with toluene	12 -
Peroxide value	
Peroxide value	0,6 meq O2/kg
Result based on sample mass of	2 grams
Calculation Toluene insoluble matter	0,01 %
	1 3 4 5 W
Viscosity at 25°C	5062 cP



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.

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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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The RvA is a signatory of the ILAC MRA
Results reported are expressed in product unless clearly stated otherwise.



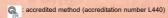


Certificate No. 2025016463 Expanded MU1

Date: 13-5-2025

Microbiology

Secherichia coli	Less than 10 cfu/g
MIT	
Real time PCR Salmonella spp.	Not detected per 25 gram
NUMBARABARA	
Total plate count 30°C	300 cfu/g
Yeasts & Moulds	
Yeasts & moulds	Less than 10 cfu/g
Yeasts	Less than 10 cfu/g
Moulds	Less than 10 cfu/g
Other analysis	
Moisture	0,42 % (w/w)



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Certificate No. 2025016463 13-5-2025

Date:

ANNEX

Sample Determination

Sample preparation

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

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

Method Yeasts & moulds (pourplate)

Yeasts & Moulds enumeration, colony Analysis

count technique (pourplate) (ISO 21527-

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)

Total plate count 30°C enumeration, Analysis

colony count technique (pourplate) In accordance with ISO 4833-1

WI NL/M009

Norm

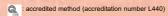
Device Colony count technique, 72 h. at 30°C

Method **Determination of toluene insoluble**

matter

Analysis Toluene insoluble matter Norm Equivalent to ISO 28198

NI /51 WI Device Filtration



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Certificate No. 2025016463 Date: 13-5-2025

NL/52

ANNEX

WI

Sample Determination

Sample preparation

Method **Determination of moisture content**

(Karl Fischer)

Analysis Moisture

Norm Equivalent to AOCS Ja 2b-87

WI NL/34d Device **Titrator**

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

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

Norm Equivalent to AOCS Ja 9-87

WI NL/52

Device Spectrocolorimeter

Method **Determination of aceton insoluble**

Analysis Aceton insoluble

Norm Equivalent to AOCS Ja 4-46

WI NL/49

Method Escherichia coli (pourplate)

Escherichia coli enumeration of ß-**Analysis**

glucuronidase positive E.coli at 44°C In accordance with ISO 16649-2

WI NI /M013

Norm

Device Colony count technique, 24 h. at 44°C

Method **Determination of acid value**

Analysis Acid value

Norm In accordance with AOCS Ja 6-55

WI NI /38 Titrator Device

: accredited method (accreditation number L440)

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ANNEX

Sample Determination

Sample preparation

Method **Determination of peroxide value**

Analysis Peroxide value

Equivalent to AOCS Ja 8-87 Norm

WI NL/40 Device Titrator

Method **Determination of viscosity by**

brookfield

Viscosity at 25°C Analysis

Norm Equivalent to AOCS Ja 10-87

Device **Brookfield Viscosity**

NofaLab B.V. F. Cobussen Managing Director

: accredited method (accreditation number L440)

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