

RED B.V. Einsteinstraat 37

3316 GG Dordrecht

Certificate of Analysis

Date of certificate: 11-6-2025

Instruction received on 4-6-2025 Sample received 4-6-2025 Start of laboratory activities 4-6-2025 End of laboratory activities 11-6-2025

Product Soyabean lecithin Packing 1 Plastic bottle Sample quantity 548 g Sample temperature **Ambient** Sample sealed No

Customer sample information

Batch number BA001680 M20252206 Sample number Product Soybean lecithin No. 2025019947



Test Results: Expanded MU¹

2025019947.00

Package

Arsenic (As) (7440-38-2)	Less than 0,015 mg/kg
© Cadmium (Cd) (7440-43-9)	Loca than 0.005 malka
Caumum (Cu) (7440-43-9)	Less trail 0,000 mg/kg
Lead (Pb) (7439-92-1)	0,02 mg/kg
Mercury (Hg) (7439-97-6)	Less than 0,02 mg/kg
Cadmium (Cd) (7440-43-9) Lead (Pb) (7439-92-1) Mercury (Hg) (7439-97-6)	THAT WEST SOLDWING IN THE W

General

Aceton insoluble	64,2 %	

: accredited method (accreditation number L440)

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All analysis are performed at Jan van Galenstraat 51.

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Gafta

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Certificate No.

2025019947 Expanded MU1

11-6-2025

Date:

24,3 mg KOH/g

Color Gardner, dilution 10 (w/w) with toluene 11 -

Peroxide value

Acid value

Peroxide value 0,8 meg O2/kg Result based on sample mass of 2 grams

Toluene insoluble matter Less than 0,01 %

Viscosity at 25°C 3318 cP

Metals

Iron (Fe) (7439-89-6) 23,00 mg/kg

Microbiology

Coliforms Less than 10 cfu/g

Real time PCR Salmonella spp. Not detected per 25 gram

Total plate count 30°C micro-organisms present but less than 40 cfu/g

Yeasts & Moulds

Yeasts & moulds	Less than 10 cfu/g
Yeasts	Less than 10 cfu/g
Moulds	Less than 10 cfu/g

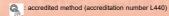
Mycotoxin

Ochratoxin A (303-47-9) 0,6 1,3 µg/kg ±

Other analysis

Moisture 0,36 % (w/w)

Polycyclic Aromatic Hydrocarbons



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2025019947 Expanded MU1 Certificate No.

Date: 11-6-2025

PAH's, (Polycyclic Aromatic Hydrocarbons)

Ber	nzo(a)anthracene (56-55-3)	7,6 μg/kg
Chr	ysene (218-01-9)	7,8 µg/kg
Ber	nzo(b)fluoranthene (205-99-2)	5,7 μg/kg
9 Ber	nzo(a)pyrene (50-32-8)	4,3 μg/kg
Sun	n of PAH-4	25,4 μg/kg
Not	ification,	Analysis performed on fat content

: accredited method (accreditation number L440)

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2025019947 11-6-2025

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

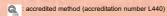
Device Colony count technique, 72 h. at 30°C

Method **Determination of toluene insoluble**

matter

Analysis Toluene insoluble matter Norm Equivalent to ISO 28198

NI /51 WI Device Filtration



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ANNEX

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**

Method Determination of the content of

PolycyclicAromaticHydrocarbons

(PAH's)

Analysis PAH's, (Polycyclic Aromatic

Hydrocarbons)

In accordance with ISO 22959 Norm

WI NL/03

Device **DACC-HPLC Fluorescence**

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

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

toluene

Norm Equivalent to AOCS Ja 9-87 WI

WI NL/52

Device Spectrocolorimeter

Method **Determination of peroxide value**

Analysis Peroxide value

Norm Equivalent to AOCS Ja 8-87 WI NL/40

Device **Titrator**

Method Determination of aceton insoluble

Aceton insoluble **Analysis**

Equivalent to AOCS Ja 4-46 Norm

WI NL/49

: accredited method (accreditation number L440)

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NL/52





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Pressure digestion

In accordance with NEN 13805

ANNEX

Sample Determination

Sample preparation

Method

Norm

Method Determination of metals, sulfur and

phosphorus

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

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

In-house method Norm

WI NL/26b Device ICP-MS/MS

Method **Determination of acid value**

Analysis Acid value

In accordance with AOCS Ja 6-55 Norm

WI NL/38 Device Titrator

Method Determination of the content of

mycotoxins

Analysis Ochratoxin A Norm In-house method

WI NL/13 LC-MS/MS Device

Method Coliforms (pourplate)

Analysis Coliforms enumeration, colony count

technique (pourplate)

In accordance with ISO 4832 Norm

WI NL/M008

Device Colony count technique, 24 h. at 37°C

Method Determination of viscosity by

brookfield

Analysis Viscosity at 25°C

Equivalent to AOCS Ja 10-87 Norm

Device **Brookfield Viscosity**

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ANNEX

Sample Determination

Sample preparation

Method Determination of the content of

PolycyclicAromaticHydrocarbons

(PAH's) in extracted fat

PAH's, (Polycyclic Aromatic **Analysis**

Hydrocarbons)

Norm In accordance with ISO 22959

WI NL/03

NofaLab B.V. F. Cobussen Managing Director

: accredited method (accreditation number L440)

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