

RED B.V. Einsteinstraat 37

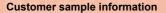
3316 GG Dordrecht

No. 2022035677\_A

# **Certificate of Analysis**

Date of certificate: 3-11-2022

Instruction received on 24-10-2022 24-10-2022 Sample received Start of laboratory activities 24-10-2022 End of laboratory activities 3-11-2022 Product Soyabean lecithin Packing 1 Plastic jar Sample quantity 1142 g Sample temperature **Ambient** Sample sealed No



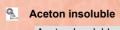
Sample date 19-10-2022 Batch number BA000739

REDLEC™ Fluid 150 Premium LVM Product

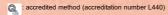
Sample number M20224209

**Test Results:** Expanded MU<sup>1</sup>

## General



	Aceton Insoluble	60,0 %
	Hexane insoluble matter	0,030 %
G.	Acid value	30,6 mg KOH/g
Q.	Color Gardner, dilution 10 (w/w) with toluene	10



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All our services are subjected to general conditions applicable as deposited at Chamber of Commerce of Rotterdam, KVK-no.:24361065.





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Page 1 of 5

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Certificate No.

2022035677\_A Expanded MU<sup>1</sup>

3-11-2022

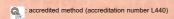
Date:

Q.	Peroxide value	0,4 meq O2/kg
G	Toluene insoluble matter	Less than 0,01 %
	Viscosity at 25°C	2716 cP

#### Metals

Lead (Pb) (7439-92-1)	Less than 0,005 mg/kg
2000 (1 D) (1 100 02 1)	Loos than 0,000 mg/kg

Q.	Lead (Pb) (7439-92-1)	Less than 0,005 mg/kg		
Microbiology				
G.	Escherichia coli	Less than 10 cfu/g		
	Listeria monocytogenes detection	Not detected per 25 gram		
G	Real time PCR Salmonella spp.	Not detected per 25 gram		
G.	Total plate count 30°C	less than 10 cfu/g		
	Yeasts & Moulds	B>NOFALAB>		
Q.	Yeasts & moulds	Less than 10 cfu/g		
	Yeasts	Less than 10 cfu/g		
	Moulds	Less than 10 cfu/g		
Othe	r analysis			
Q.	Moisture	0,33 % (w/w)		



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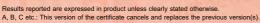
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Certificate No.

Sample preparation

2022035677\_A

In accordance with NEN 13805

**Pressure digestion** 

Date:

Method

Norm

3-11-2022

### **ANNEX**

#### Sample Determination

Determination of metals, sulfur and Method phosphorus

Lead (Pb) **Analysis** In-house method Norm

WI NL/26b Device ICP-MS/MS

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 WI NL/D005 §6.4 /§ 6.6 Device Real time PCR

Method Yeasts & moulds (pourplate) **Analysis** Yeasts & Moulds enumeration, colony count technique (pourplate) (ISO 21527-

Norm In accordance with ISO 21527-2

WI NI /M12

Colony count technique, 120-168 h. at Device

25°C

Method Total plate count (TPC) 30°C

(pourplate)

Total plate count 30°C enumeration, **Analysis** 

colony count technique (pourplate)

Norm In accordance with ISO 4833-1

WI NL/M09

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

Method **Determination of toluene insoluble** 

matter

**Analysis** Toluene insoluble matter Norm Equivalent to ISO 28198

WI NL/51 Device Filtration

Method **Determination of moisture content** 

(Karl Fischer)

Moisture **Analysis** 

Norm Equivalent to AOCS Ja 2b-87

WI NL/34d Device Titrator

: accredited method (accreditation number L440)

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Page 3 of 5

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### **ANNEX**

#### Sample Determination

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

Color Gardner, dilution 10 (w/w) with **Analysis** 

Equivalent to AOCS Ja 9-87 Norm

WI NL/52

Device Spectrocolorimeter

Method **Determination of aceton insoluble** 

**Analysis** Aceton insoluble

Equivalent to AOCS Ja 4-46 Norm

WI NI /49

Method Escherichia coli (pourplate) **Analysis** Escherichia coli enumeration of ßglucuronidase positive E.coli at 44°C

Norm In accordance with ISO 16649-2

WI

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

Method **Determination of acid value** 

Analysis Acid value

In accordance with AOCS Ja 6-55 Norm

WI NL/38 Device **Titrator** 

Method Determination of hexane insoluble

matter

**Analysis** Aceton insoluble

In accordance with AOCS Ja 3-87 Norm

WI NL/50 Device Filtration

Method Determination of viscosity by

brookfield

**Analysis** Viscosity at 25°C

Norm Equivalent to AOCS Ja 10-87

**Brookfield Viscosity** Device

Method **Determination of peroxide value** 

**Analysis** Peroxide value

Norm Equivalent to AOCS Ja 8-87

WI NL/40 Titrator Device

#### Sample preparation

Method Dilution 1:10 (w/w) with toluene

Norm In-house method

NL/52 WI

: accredited method (accreditation number L440)

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Page 4 of 5

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# **ANNEX**

# **Sample Determination**

Sample preparation

Listeria monocytogenes Real time Method

PCR, detection

Listeria monocytogenes detection per 25 **Analysis** 

Equivalent to ISO 11290-1 Norm

Agilent Aria MX Device

Remarks: Added analysis

NofaLab B.V. F. Cobussen

Managing Director



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