

RED B.V.

Einsteinstraat 37

3316 GG Dordrecht

Certificate of Analysis

No. 2024037978

Date of certificate: 20-11-2024

Instruction received on	12-11-2024
Sample received	14-11-2024
Start of laboratory activities	14-11-2024
End of laboratory activities	20-11-2024
Product	Rapeseed lecithin
Packing	1 Plastic bottle
Sample quantity	122 ml
Sample temperature	Ambient
Sample sealed	No



Customer sample information

Batch number	BA001329 - 2024 JMC
Product	Rapeseed lecithin
Sample number	M20243201

Test Results:

Expanded MU¹

Other analysis

Mineral Oil Saturated Hydrocarbons Mineral Oil Aromatic Hydrocarbons.

MOSH, MOSH-related compounds like POSH are chemical and structure-related substances, that is why an analytical separation is not possible. A distinction may not always be possible by interpreting the chromatogram.

Mineral Oil Aromatic Hydrocarbons (MOAH)

Mass of test portion	5,567 g
MOAH Purification	Epoxidation
C10-C16 (MOAH)	Less than 1,0 mg/kg
C16-C25 (MOAH)	Less than 1,0 mg/kg
C25-C35 (MOAH)	Less than 1,0 mg/kg
C35-C50 (MOAH)	Less than 1,0 mg/kg

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 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.

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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.

Certificate No. 2024037978 Expanded MU¹
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Sum MOAH C10-C50, total integrated	Less than 1,0 mg/kg	
Mineral Oil Saturated Hydrocarbons (MOSH)		
MOSH Purification	Aluminium Oxide	
C10-C16 (MOSH)	Less than 1,0 mg/kg	
C16-C20 (MOSH)	Less than 1,0 mg/kg	
C20-C25 (MOSH)	Less than 1,0 mg/kg	
C25-C35 (MOSH)	1,8 mg/kg	
C35-C40 (MOSH)	Less than 1,0 mg/kg	
C40-C50 (MOSH)	Less than 1,0 mg/kg	
Sum MOSH C10-C50, total calculated	1,8 mg/kg	± 0,4
Sum MOSH C10-C50, total integrated	4,0 mg/kg	± 0,8

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ANNEX

Sample Determination

Method	Determination of MOSH and MOAH
Analysis	Mineral Oil Saturated Hydrocarbons Mineral Oil Aromatic Hydrocarbons
Norm	In accordance with EN 16995
WI	NL/46
Device	Online HPLC-GC-FID

Sample preparation

NofaLab B.V.
F. Cobussen
Managing Director



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