

Allseeds Switzerland S.A. P.Box 48, 29 Route de Jussy CH 1226 Thonex Geneva Switzerland

Certificate of Analysis

No. 201707086

Date: 7-3-2017

Instruction received on : 01-03-2017 Sample received 01-03-2017

Sample said to be Crude Sunflowerseed Oil Packing Plastic Bottle (clear)

Sample quantity 500,00 ml Sample temperature Ambient Sample sealed Yes, S78859431

Marked Ships's name: "WINE TRADER"

Port of loading: Allseed Black Sea, Yuzhny

Port of discharge: Ravenna, Italy Commodity: Crude Sunflower Seed Oil Sample type: Drip Line Composite Sample

Quantity represented: 5900 mt Ex shore tanks no.: 11,12 Into ship's tanks no .:

1P,1S,2P,2S,3P,3S,4P,4S,5P,5S,6P,6S,7P,7S,8P,8S,9P,9S,10P,10S

Sampled on behalf of: Allseeds Contract body: Fosfa 53

Purpose of sample: Analysis and arbitration purposes

Date: 26.02.2017

Test Results:

Metal and Element analysis

Arsenic

Arsenic (As) (ICP-MS, in-house method NL/27)

less than 0,01 mg/kg

Cadmium

Cadmium (Cd) (ICP-MS, in-house method NL/27)

less than 0,01 mg/kg

Copper (Cu) (ICP-MS, in-house method NL/27)

0,04 mg/kg

Iron (Fe) (ICP-MS, in-house method NL/27)

0,32 mg/kg

Mercury

: accredited method (accreditation number L440)

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NofaLab B.V. Jan van Galenstraat 41/51 WAL MONL - 3115 JG Schiedam

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Results reported are expressed in product unless clearly stated otherwise A, B, C etc.: This version of the certificate cancels and replaces all previous versions. Sub1, sub2, sub3 etc.: This version of the report is a subversion.





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less than 0,01 mg/kg

Date: 07-03-2017

Mercury

Mercury (Hg) (ICP-MS, in-house method NL/27)

Lead

Lead (Pb) (ICP-MS, in-house method NL/27) less than 0,01 mg/kg

Pesticides: NL/10a/b/c, Determination of the content of pesticides and additives, GC-MS/MS and LC-MS/MS, in accordance with EN 15662.

		_
Pesticides (Multimethod)	Not Detected	
Aldrin 309-00-2	less than 0,01	mg/kg
Bifenthrin 82657-04-3	less than 0,01	mg/kg
Carbofuran 1563-66-2	less than 0,005	mg/kg
Chlordane (sum)	less than 0,01	mg/kg
Chlordane-cis 5103-71-9	less than 0,003	mg/kg
Chlordane-oxy 27304-13-8	less than 0,01	mg/kg
Chlordane-trans 5103-74-2	less than 0,003	mg/kg
Chlorpyrifos 2921-88-2	less than 0,01	mg/kg
Chlorpyrifos-Methyl 5598-13-0	less than 0,01	mg/kg
Cypermethrin (sum)	less than 0,01	mg/kg
DDT-PP 50-29-3	less than 0,008	mg/kg
Deltamethrin (cis) 52918-63-5	less than 0,01	mg/kg
Diazinon 333-41-5	less than 0,01	mg/kg
Dichlorvos 62-73-7	less than 0,01	mg/kg
Dieldrin 60-57-1	less than 0,01	mg/kg
Dimethoate 60-51-5	less than 0,003	mg/kg
Endosulfan (sum)	less than 0,01	mg/kg
Endosulfan-alpha 959-98-8	less than 0,01	mg/kg
Endosulfan-beta 33213-65-9	less than 0,01	mg/kg
Endosulfansulfate 1031-07-8	less than 0,01	mg/kg
Endrin 72-20-8	less than 0,01	mg/kg
Fenitrothion 122-14-5	less than 0,01	mg/kg
HCH-alpha 319-84-6	less than 0,003	mg/kg
HCH-beta 319-85-7	less than 0,003	mg/kg
HCH-delta 319-86-8	less than 0,003	mg/kg
HCH-epsilon 6108-10-7	less than 0,003	mg/kg
HCH-gamma-(Lindane) 58-89-9	less than 0,01	mg/kg
Heptachlor 76-44-8	less than 0,003	mg/kg
Hexachlorobenzene (HCB) 118-74-1	less than 0,003	mg/kg

accredited method (accreditation number L440)

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NofaLab B.V. Jan van Galenstraat 41/51 Fax:
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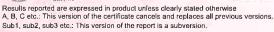
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the council of the federation: FOSFA INTERNATIONAL

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Pesticides: NL/10a/b/c, Determination of the content of pesticides and additives, GC-MS/MS and LC-MS/MS, in accordance with EN 15662.

Hexachlorocyclohexane (HCH) (sum)	less than 0,01 mg/kg
Malathion 121-75-5	less than 0,01 mg/kg
Metalaxyl and metalaxyl-M 57837-19-1	less than 0,01 mg/kg
Oxadixyl 77732-09-3	less than 0,01 mg/kg
Phosalone 2310-17-0	less than 0,01 mg/kg
Pirimiphos-Methyl 29232-93-7	less than 0,01 mg/kg
Tetramethrin 7696-12-0	less than 0,01 mg/kg

General

Sterol Composition (equivalent to: ISO 12228-1) NL/45, methode GC-FID.

- Cholesterol		less than 0,1	%
Brassicasterol	Magazine Magazine Magazine Magazine	less than 0,1	%
Delta-5-Campesterol	THE RESERVE OF THE PARTY OF THE	7,2	%
Stigmasterol	The second of the second	8,1	%
Beta-Sitosterol	the the state of the same of t	64,8	%
Delta-5-Avenasterol		3,4	%
Delta-7-Stigmasterol	GRAND FRANCE CONT. CO.	11,1	%
Delta-7-Avenasterol	The state of the s	5,3	%
Total	applications of	3907.1	mg/kg



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