



CISS Group PTE. LTD.

10, Anson Road, #29-05 A, International Plaza, Singapore, 079903.

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CERTIFICATE No.: UA01252/2

ORIGINAL

ORIGINAL QUALITY/CONDITION CERTIFICATE

In pursuance of an order received from our principal, requesting us to carry out inspection we hereby confirm as follows:

Description of goods:	UKRAINIAN CRUDE SUNFLOWERSEED OIL IN BULK
Vessel:	MT GENERAL POLAD HASHIMOV
Quantity:	4303,600 MT
B/L No. & Date:	NO. 2 AND 3 DD 21.04.2022
Shipper:	"IZMAIL-TRANSBULKTERMINAL" LLC Address: Ukraine, Odessa region, Izmail, Aerodromne shosse,2 LLC "MEISEN" 54001, MYKOLAYIV REG., MYKOLAYV, NILOLSKAYA STR., BLDG. 61/11
Consignee:	TO THE ORDER
Notify address:	CEREAL DOCKS SPA - Camisano Vicentino (Vi)
Port of loading:	IZMAIL, UKRAINE
Port of discharge:	VENICE, ITALY
Vessel Tanks Nos.:	1S, 2S, 3S, 4S, 5S AND 6S

RESULTS OF QUALITY INSPECTION

Representative samples of the oil have been drawn from each ship's tank 1S, 2S, 3S, 4S, 5S AND 6S of MT GENERAL POLAD HASHIMOV and sealed from vessel's tanks after completion of loading according to FOSFA CONTRACT No.54. One vessel's sample were submitted for analysis to FOSFA approved chemical laboratory. The following results of analysis have been obtained:

Test Description	Units	Method	Results
Moisture and volatile matter	%	ISO 662:2016	0,15
Insoluble Impurities	%	ISO 663:2017	0,05
FFA as oleic acid	%	ISO 660:2009	0,63
Phosphorus content	ppm	ISO 10540-1:2003	128,2
Flash point at 121°C	n/a	ISO 15267:1998	no flash





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Parameter	Method	Result	LOQ**
Benz(a)anthracene, µg/kg (ppb)	ISO 15753	1,3	-
Chrysene, µg/kg (ppb)	ISO 15753	1,5	-
Benzo(b)fluoranthene, µg/kg (ppb)	ISO 15753	1,2	-
Benzo(a)pyrene, µg/kg (ppb)	ISO 15753	1,0	-
Total polycyclic aromatic hydrocarbons content (Sum of Benz(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(a)pyrene), µg/kg (ppb)	ISO 15753	5,0	-
Arsenic (As), ppm	AGM-17 (ICP-OES)	< 0,05*	0.05 ppm
Cadmium (Cd), ppm	AGM-17 (ICP-OES)	< 0,01*	0.01 ppm
Copper (Cu), ppm	AGM-17 (ICP-OES)	0,092	0.05 ppm
Iron (Fe), ppm	AGM-17 (ICP-OES)	0,997	0.05 ppm
Mercury (Hg), ppm	AGM-17 (ICP-OES)	< 0,01*	0.01 ppm
Lead (Pb), ppm	AGM-17 (ICP-OES)	< 0,05*	0.05 ppm

Parameter	Method	Result	LOQ**
Myristic acid, C14:0, %	ISO 12966-4	0.1	0.05 %
Palmitic acid C16:0, %	ISO 12966-4	6.0	0.05 %
Palmitoleic acid C16:1, %	ISO 12966-4	0.1	0.05 %
Stearic acid C18:0, %	ISO 12966-4	3.4	0.05 %
Oleic acid C18:1n9c, %	ISO 12966-4	31.0	0.05 %
Linoleic acid C18:2n6c, %	ISO 12966-4	58.0	0.05 %
γ-Linolenic acid (omega6) C18:3n6, %	ISO 12966-4	< 0.05*	0.05 %
α-Linolenic acid (omega3) C18:3n3, %	ISO 12966-4	0.1	0.05 %
Arachidic acid C20:0, %	ISO 12966-4	0.2	0.05 %
cis-11-Eicosenoic acid C20:1, %	ISO 12966-4	0.1	0.05 %
cis-11,14-Eicosadienoic acid C20:2, %	ISO 12966-4	< 0.05*	0.05 %
Heneicosanoic acid C21:0, %	ISO 12966-4	< 0.05*	0.05 %
Behenic acid C22:0, %	ISO 12966-4	0.7	0.05 %
Erucic acid C22:1n9, %	ISO 12966-4	< 0.05*	0.05 %
Lignoceric acid C24:0, %	ISO 12966-4	0.2	0.05 %
Nervonic acid C24:1, %	ISO 12966-4	ND	0.05 %





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Parameter	Method	Result	LOQ**
Hydrocarbon content attributed to mineral origin (C10-C56), ppm (mg/kg)	ISO 17780	< 50*	50 ppm (mg/kg)

Parameter	Method	Result	LOQ**
Total aflatoxins (B1, B2, G1, G2), ppb (µg/kg)	ISO 16050 (HPLC method)	< 1*	1 ppb

Parameter	Method	Result	LOQ**
Cholesterol, %	ISO 12228-1	0.3	0.05 %
Cholestanol, %	ISO 12228-1	< 0.05*	0.05 %
Brassicasterol, %	ISO 12228-1	< 0.05*	0.05 %
24-Methylene cholesterol, %	ISO 12228-1	< 0.05*	0.05 %
Campesterol, %	ISO 12228-1	8.1	0.05 %
Campestanol, %	ISO 12228-1	< 0.05*	0.05 %
Stigmasterol, %	ISO 12228-1	9.4	0.05 %
Δ5,23-Stigmastadienol, %	ISO 12228-1	< 0.05*	0.05 %
Clerosterol, %	ISO 12228-1	< 0.05*	0.05 %
β-Sitosterol, %	ISO 12228-1	57.2	0.05 %
Sitostanol, %	ISO 12228-1	< 0.05*	0.05 %
Δ5-Avenasterol, %	ISO 12228-1	2.2	0.05 %
Δ5,24-Stigmastadienol, %	ISO 12228-1	< 0.05*	0.05 %
Δ7-Stigmastenol, %	ISO 12228-1	14.2	0.05 %
Δ7-Avenasterol, %	ISO 12228-1	4.6	0.05 %





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Name of Pesticide	Method	LOQ, mg/kg	Result, mg/kg	Uncertainty (U), mg/kg
Acephate	BS EN 15662:2018 (LC-MS/MS)	0,01	ND, (< 0,01)	n/a
Acetamiprid	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Acetochlor	BS EN 15662:2018 (LC-MS/MS)	0,01	ND, (< 0,01)	n/a
Alachlor	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Aldrin	BS EN 15662:2018 (GC-MS/MS)	0,005	ND, (< 0,005)	n/a
Amitraz	BS EN 15662:2018 (LC-MS/MS)	0,01	ND, (< 0,01)	n/a
Anthraquinone	BS EN 15662:2018 (LC-MS/MS)	0,01	ND, (< 0,01)	n/a
Atrazine	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Azinphos-methyl	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Azoxystrobin	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Bifenthrin	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Biphenyl	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Boscalid	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Bromopropylate	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Captafol	BS EN 15662:2018 (LC-MS/MS)	0,01	ND, (< 0,01)	n/a
Carbaryl	BS EN 15662:2018 (LC-MS/MS)	0,01	ND, (< 0,01)	n/a
Carbofuran	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Carboxin	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Chlordane, cis	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Chlordane, oxy	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Chlordane, trans	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Chlorfenvinphos	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Chlorothalonil	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Chlorpyrifos	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,01)	n/a
Chlorpyrifos-methyl	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Cyfluthrin (sum)	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Cyhalothrin (Gamma and Lambda)	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Cypermethrin (sum)	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Cyproconazole	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Cyprodinil	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
DDD, o,p-	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
DDD, p,p-	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
DDE, o,p-	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
DDE, p,p-	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
DDT, o,p-	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
DDT, p,p-	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Deltamethrin (sum)	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Diazinon	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Dichlorvos	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a





**Commodities International
Shipping and Survey**



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Dieldrin	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Difenoconazole	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Dimethoate	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Disulfoton	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Endosulfan-alpha	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Endosulfan-beta	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Endosulfansulfate	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Endrin	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Ethion	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Ethoxyquin	BS EN 15662:2018 (LC-MS/MS)	0,01	ND, (< 0,01)	n/a
Famoxadone	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Fenitrothion	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Fenthion	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Fenvalerate/Esfenvalerate (RR/SS)	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Fenvalerate/Esfenvalerate (RS/SR)	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Fipronil	BS EN 15662:2018 (LC-MS/MS)	0,002	ND, (< 0,002)	n/a
Fludioxonil	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Haloxypop-Methyl and Haloxypop-p-Methyl	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
HCH-alpha	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
HCH-beta	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
HCH-gamma (Lindane)	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Heptachlor	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Heptachlorepoxid, cis	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Heptachlorepoxid, trans	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Hexachlorobenzene (HCB)	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Imazalil	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Iprodione	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Isoprothiolane	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Linuron	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Malathion	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Mepiquat	CotOD-025:2018 (HPLC/MS/MS)	0,01	ND, (< 0,01)	n/a
Metalaxyl and Metalaxyl-M	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Metazachlor	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Methamidophos	BS EN 15662:2018 (LC-MS/MS)	0,01	ND, (< 0,01)	n/a
Methidathion	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Methomyl	BS EN 15662:2018 (LC-MS/MS)	0,01	ND, (< 0,01)	n/a
Methoxychlor	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Monocrotophos	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a



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Naled (Dibrom)	BS EN 15662:2018 (LC-MS/MS)	0,01	ND, (< 0,01)	n/a
Nitrofen	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Omethoate	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Oxadixyl	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Parathion-methyl	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Pendimethalin	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Permethrin (sum)	BS EN 15662:2018 (GC-MS/MS)	0,02	ND, (< 0,02)	n/a
Phenylphenol, 2-	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Phorate	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Phosphamidon	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Pirimiphos-methyl	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Prochloraz	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Procymidone	BS EN 15662:2018 (LC-MS/MS)	0,01	ND, (< 0,01)	n/a
Propiconazole	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Simazine	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Tebuconazole	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Terbufos	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Tetramethrin	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Thiamethoxam	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Trichlorfon	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Trifloxystrobin	BS EN 15662:2018 (LC-MS/MS)	0,005	ND, (< 0,005)	n/a
Trifluralin	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a
Vinclozolin	BS EN 15662:2018 (GC-MS/MS)	0,01	ND, (< 0,01)	n/a

Test Description	Method***	Units****	Results
Sum of dioxins (WHO-PCDD/Fs-TEQ)	EN 16215:2020	pg/g fat	<0,75
Sum of dioxins and dioxin-like PCBs (WHO-PCDD/Fs-PCB-TEQ)	EN 16215:2020	pg/g fat	<1,25
Sum of PCBs non-dioxin-like	EN 16215:2020	ng/g fat	<40
2,3,7,8-TCDD	EN 16215:2020	pg/g fat	<0,04
1,2,3,7,8-PeCDD	EN 16215:2020	pg/g fat	<0,04
1,2,3,4,7,8-HxCDD	EN 16215:2020	pg/g fat	<0,01
1,2,3,6,7,8,HxCDD	EN 16215:2020	pg/g fat	<0,01
1,2,3,7,8,9-HxCDD	EN 16215:2020	pg/g fat	<0,01
1,2,3,4,6,7,8-HpCDD	EN 16215:2020	pg/g fat	<0,001
OCDD	EN 16215:2020	pg/g fat	<0,00006
2,3,7,8-TCDF	EN 16215:2020	pg/g fat	<0,004
1,2,3,7,8-PeCDF	EN 16215:2020	pg/g fat	<0,0012
2,3,4,7,8-PeCDF	EN 16215:2020	pg/g fat	<0,012
1,2,3,4,7,8-HxCDF	EN 16215:2020	pg/g fat	<0,01





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1,2,3,6,7,8-HxCDF	EN 16215:2020	pg/g fat	<0,01
2,3,4,6,7,8-HxCDF	EN 16215:2020	pg/g fat	<0,01
1,2,3,7,8,9-HxCDF	EN 16215:2020	pg/g fat	<0,01
1,2,3,4,6,7,8-HpCDF	EN 16215:2020	pg/g fat	<0,001
1,2,3,4,7,8,9-HpCDF	EN 16215:2020	pg/g fat	<0,001
OCDF	EN 16215:2020	pg/g fat	<0,00006
dioxin-like PCB 77	EN 16215:2020	pg/g fat	<0,00005
dioxin-like PCB 81	EN 16215:2020	pg/g fat	<0,00015
dioxin-like PCB 126	EN 16215:2020	pg/g fat	<0,05
dioxin-like PCB 169	EN 16215:2020	pg/g fat	<0,015
dioxin-like PCB 105	EN 16215:2020	pg/g fat	0,0007
dioxin-like PCB 114	EN 16215:2020	pg/g fat	<0,0003
dioxin-like PCB 118	EN 16215:2020	pg/g fat	0,001
dioxin-like PCB 123	EN 16215:2020	pg/g fat	<0,0003
dioxin-like PCB 156	EN 16215:2020	pg/g fat	<0,0003
dioxin-like PCB 157	EN 16215:2020	pg/g fat	<0,0003
dioxin-like PCB 167	EN 16215:2020	pg/g fat	<0,0003
dioxin-like PCB 189	EN 16215:2020	pg/g fat	<0,0003
non-dioxin-like PCB 28	EN 16215:2020	ng/g fat	<0,100
non-dioxin-like PCB 52	EN 16215:2020	ng/g fat	<0,100
non-dioxin-like PCB 101	EN 16215:2020	ng/g fat	<0,100
non-dioxin-like PCB 138	EN 16215:2020	ng/g fat	<0,100
non-dioxin-like PCB 153	EN 16215:2020	ng/g fat	<0,100
non-dioxin-like PCB 180	EN 16215:2020	ng/g fat	<0,100
TEQ (WHO) for PCDD/Fs including LOQ for non-quantified congener	EN 16215:2020	pg/g fat	0,170
TEQ (WHO) for dioxin-like PCBs including LOQ for non-quantified congener	EN 16215:2020	pg/g fat	0,069
TEQ (WHO) for PCDD/Fs + dioxin-like PCBs including LOQ for non-quantified congener	EN 16215:2020	pg/g fat	0,239
Non-dioxin-like PCBs	EN 16215:2020	ng/g fat	0,600

Remarks:

*.No analyte at a content above the limit of Quantification was detected

**LOQ - limit of quantification.

***In accordance with Directive (EU) nr. 2017/644 (for Food).

****Content of PCDD/Fs and dioxin-like PCBs is recalculated to Toxic Equivalents (TEQ) values excluding non-dioxin-like PCBs.

The oil is homogeneous, of good, sound and merchantable quality.

DATED: 27th of APRIL, 2022

For and on behalf of CISS GROUP Ukraine LLC

Registered Superintendent and Surveyor Member of FOSFA

