



**Commodities International
Shipping and Survey**



**FOSFA
INTERNATIONAL**

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CISS GROUP UKRAINE LLC
member of **CISS GROUP Pte.Ltd. (Singapore)**
5, Odessa Blv., Ovidiopol district,
Lymanka village, Odessa region, 65037
inspection@ciiss-group.com

CERTIFICATE No.: UA01642

ORIGINAL

CERTIFICATE OF QUALITY/CONDITION

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

Description of goods:	UKRAINIAN ORIGIN CRUDE SUNFLOWER OIL, IN BULK, CROP 2023
Vessel:	MT VEYSEL VARDAL
Quantity:	3035,600 MT
B/L No. & Date:	NO. 1 AND 2 DD 04.02.2024
Shipper:	"IZMAIL-TRANSBULKTERMINAL" LLC Address: Ukraine, Odessa region, Izmail, Aerodromne shosse,2 ON BEHALF OF GREEN CAPITAL FZE "ODESKA TORGOVA KOMPANIA" LLC Address: Ukraine, Odessa region, Odessa, Church str.,19 ON BEHALF OF GREEN CAPITAL FZE
Consignee:	TO ORDER
Notify address:	OLIVA AD 60 ASEN YORDANOV STR. DISTRICT OF LOZENETS 1407 SOFIA, BULGARIA VAT No: BG106013774
Port of loading:	IZMAIL, UKRAINE
Port of discharge:	VARNA, BULGARIA
Vessel Tanks Nos.:	1C,2C,3C,4C,5C

RESULTS OF QUALITY INSPECTION

Representative samples of the oil have been drawn from each ship's tanks 1C,2C,3C,4C,5C of MT VEYSEL VARDAL 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 laboratories:

sample seals No D57427317/1080228, "CISS GROUP UKRAINE" LLC, analytical report No № 47/24 for free fatty acids content (as oleic acid), moisture & impurities;

sample seals No D57427318/1080229, SC Agmintest, analytical report No OD 24 – 528 and OD 24 - 528-1 for sediments, flash point 121°C, mineral oil content (C10-C56), fatty acid composition, heavy metals, PAH.

The following results of analysis have been obtained:

Parameter	Method	Specification	Results
FREE FATTY ACIDS CONTENT (AS OLEIC ACID)	ISO 660	BASIS 1.5%, MAX 2%	0.60%
MOISTURE	ISO 662	0.50% MAX	0.33%
IMPURITIES	ISO 663		
FLASH POINT	ISO 15267	121°C	No flash at 121 °C
SEDIMENTS	ISO 15301	BASIS 1.5 % MAX 2 %	1.5%





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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)
Mineral oil (C10-C25), ppm (mg/kg)	ISO 17780	< 50*	50 ppm (mg/kg)

Parameter	Method	Result	LOQ
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)	< 0.05*	0.05 ppm
Iron (Fe), ppm	AGM-17 (ICP-OES)	0.153	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
Capric acid C10:0, %	ISO 12966-4	< 0.05*	0.05 %
Lauric acid C12:0, %	ISO 12966-4	< 0.05*	0.05 %
Myristic acid, C14:0, %	ISO 12966-4	0.1	0.05 %
Myristoleic acid, C14:1, %	ISO 12966-4	< 0.05*	0.05 %
Pentadecanoic acid C15:0, %	ISO 12966-4	< 0.05*	0.05 %
Palmitic acid C16:0, %	ISO 12966-4	6.3	0.05 %
Palmitoleic acid C16:1, %	ISO 12966-4	0.1	0.05 %
Heptadecanoic acid C17:0, %	ISO 12966-4	< 0.05*	0.05 %
cis-10-Heptadecenoic acid C17:1, %	ISO 12966-4	< 0.05*	0.05 %
Stearic acid C18:0, %	ISO 12966-4	3.2	0.05 %
Oleic acid C18:1n9c, %	ISO 12966-4	29.3	0.05 %
Linoleic acid C18:2n6c, %	ISO 12966-4	60.1	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	0.4	0.05 %
Erucic acid C22:1n9, %	ISO 12966-4	< 0.05*	0.05 %
cis-13,16-Docosadienoic acid C22:2, %	ISO 12966-4	< 0.05*	0.05 %
Lignoceric acid C24:0, %	ISO 12966-4	0.1	0.05 %
Nervonic acid C24:1, %	ISO 12966-4	< 0.05*	0.05 %



This certificate is issued to any job or services carried out within the GENERAL TERMS AND CONDITION OF BUSINESS printed overleaf. This certificate is not intended to relieve the parties of any relevant sales contract from their contractual obligations. The Company's responsibility under this Certificate is limited to proven negligence and will in no case be more than ten times the amount of the fees.



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Parameter	Method	Result
Benz(a)anthracene, µg/kg (ppb)	ISO 15753	1.6
Chrysene, µg/kg (ppb)	ISO 15753	1.2
Benzo(b)fluoranthene, µg/kg (ppb)	ISO 15753	1.7
Benzo(a)pyrene, µg/kg (ppb)	ISO 15753	1.4
Total polycyclic aromatic hydrocarbons content (Sum of Benz(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(a)pyrene), µg/kg (ppb)	ISO 15753	5.9

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

LOQ (Limit of quantification) - is the lowest amount or concentration of analyte in a sample, which can be reliably quantified with an acceptable level of precision and accuracy.

This certificate is electronically signed and stamped.

DATED: 7th of FEBRUARY 2024

For and on behalf of CISS GROUP Ukraine LLC

Registered Superintendent and Surveyor Member of FOSFA

