



**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.: UA01831

ORIGINAL

QUALITY 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 ORIGIN CRUDE SUNFLOWER SEED OIL, IN BULK
Vessel:	MT NIKSAR
Quantity:	3001,520 MT
B/L No. & Date:	NO. 1 DD 19.11.2024
Shipper:	«IZMAILSKA TORGOVA COMPANIA» LLC Ukraine, Odessa region, Izmail, Aerodromne shosse, 2 zh ON BEHALF OF D.A.M TRADE GROUP LLC
Consignee:	TO ORDER
Notify address:	SOYA MILLS S.A., ATHENS / GREECE
Port of loading:	IZMAIL, UKRAINE
Port of discharge:	KALAMAKI (KORINTHIAS) PORT / GREECE
Vessel Tanks Nos.:	1S, 2S, 3S, 1P, 2P, 3P, 1C, 2C, 3C, 4C, 5C

RESULTS OF QUALITY INSPECTION

Representative samples of the oil have been drawn from each ship's tanks 1S, 2S, 3S, 1P, 2P, 3P, 1C, 2C, 3C, 4C, 5C of MT NIKSAR and sealed from vessel's tanks after completion of loading according to FOSFA CONTRACT No.54. Vessel's samples were submitted for analysis to FOSFA approved chemical laboratories: the sample seals No D94935811/4126708, Testing Laboratory "CISS GROUP UKRAINE" LLC, analytical report No №341/24; the sample seals No D94935812/4126709, SC "Agmintest", analytical report No OD 24 - 4353. The following results of analysis have been obtained:

Parameter	Method	Specification	Results
Free fatty acid content (as oleic acid)	ISO 660	basis 2%, maximum 3.0%	0.58%
Moisture	ISO 662	max.0,50%	0.20%
Impurities	ISO 663		
Flash point	ISO 15267	min. 121°C	no flash 121 °C
Radioactivity	-	Free from radioactivity	Free from radioactivity

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-C24), ppm (mg/kg)	ISO 17780	< 50*	50 ppm (mg/kg)





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Parameter	Method	Result	LOQ
Caproic acid C6:0, %	ISO 12966-4	< 0.05*	0.05 %
Caprylic acid C8:0, %	ISO 12966-4	< 0.05*	0.05 %
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 %
Palmitic acid C16:0, %	ISO 12966-4	6.4	0.05 %
Palmitoleic acid C16:1, %	ISO 12966-4	0.1	0.05 %
Heptadecanoic acid C17:0, %	ISO 12966-4	0.1	0.05 %
cis-10-Heptadecenoic acid C17:1, %	ISO 12966-4	< 0.05*	0.05 %
Stearic acid C18:0, %	ISO 12966-4	3.1	0.05 %
Oleic acid C18:1n9c, %	ISO 12966-4	32.1	0.05 %
Linoleic acid C18:2n6c, %	ISO 12966-4	56.9	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 %
Behenic acid C22:0, %	ISO 12966-4	0.6	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	0.2	0.05 %
Nervonic acid C24:1, %	ISO 12966-4	< 0.05*	0.05 %

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

This certificate is electronically signed and stamped.

DATED: 22nd of NOVEMBER, 2024

For and on behalf of CISS GROUP Ukraine LLC
Registered Superintendent and Surveyor Member of FOSFA

