



Commodities International
Shipping and Survey



CISS GROUP UKRAINE LLC
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CERTIFICATE No.: SGD00907

ORIGINAL

FATTY ACID COMPOSITION 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 SUNFLOWERSEED OIL IN BULK
Vessel:	MT AC-D
Quantity:	6939,120 MT
B/L No. & Date:	NO. A1-IZMAIL AND A2-IZMAIL DD 05.02.2023
Shipper:	AVANTAGRO LTD SUITE 1, SECOND FLOOR, SOUND & VISION HOUSE, FRANCIS RACHEL STR., VICTORIA, MAHE, SEYCHELLES ON BEHALF OF VIVACITY MK LLC
Consignee:	TO ORDER
Notify address:	FOURSEAS TRADE INTERNATIONAL DWC LLC BUSINESS CENTER A3 BLOCK 3.FLOOR OFFICE:0258 DUBAI WORLD CENTRAL PO BOX:390667 DUBAI UAE
Port of loading:	IZMAIL, UKRAINE
Port of discharge:	TOROS/CEYHAN /TURKEY
Vessel Tanks Nos.:	1C, 2/S, 3P/S, 4P/S, 5P/S, 6P/S, 7P/S

RESULTS OF QUALITY INSPECTION

Representative samples of the oil have been drawn from each ship's tank 1C, 2/S, 3P/S, 4P/S, 5P/S, 6P/S, 7P/S of MT AC-D and sealed from vessel's tanks after competition 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:

Parameter	Method	Result	LOQ
Myristic acid, C14:0, %	ISO 12966-4	0.1	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	3.1	0.05 %
Oleic acid C18:1n9c, %	ISO 12966-4	29.9	0.05 %
Linoleic acid C18:2n6c, %	ISO 12966-4	59.2	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	0.2	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	0.1	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) - 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, 2023

For and on behalf of CISS GROUP Ukraine LLC

Registered Superintendent and Surveyor Member of FOSFA

