



Commodities International
Shipping and Survey



CISS GROUP UKRAINE LLC
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CERTIFICATE No.: UA01503

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 SUNFLOWER SEED OIL - IN BULK
Vessel:	MT VITIS
Quantity:	5849,920 MT
B/L No. & Date:	NO. 1 DD 16.02.2023
Shipper:	LIMITED LIABILITY COMPANY "ALKOR INDUSTRIAL AND TRADING COMPANY" Ukraine, 88000, Zakarpattia region, Uzhgorod district, Uzhgorod, Vakarova Dmytra street, building 5, office 2 ON BEHALF OF GREEN CAPITAL FZE
Consignee:	TO ORDER
Notify address:	VITERRA B.V., C/O ONDER GUMRUKLEME YENI MAH INONU BULV. UMAT PLAZA, KAT: 11, NO:54 MERSIN/TURKEY
Port of loading:	IZMAIL, UKRAINE
Port of discharge:	ISKENDERUN OR MERSIN OR SAVKA TERMINAL, TURKEY
Vessel Tanks Nos.:	1P, 1S, 2P, 2S, 3P, 3S, 4P, 4S, 5P, 5S, 6P, 6S, 7P, 7S, 8P, 8S, 9P, 9S, 10P, 10S, 11P AND 11S

RESULTS OF QUALITY INSPECTION

Representative samples of the oil have been drawn from each ship's tank 1P, 1S, 2P, 2S, 3P, 3S, 4P, 4S, 5P, 5S, 6P, 6S, 7P, 7S, 8P, 8S, 9P, 9S, 10P, 10S, 11P AND 11S of MT VITIS 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:

Parameter	Method	Result	LOQ
Myristic acid C14:0, %	ISO 12966-4	0.1	0.05 %
Palmitic acid C16:0, %	ISO 12966-4	6.2	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	31.8	0.05 %
Linoleic acid C18:2n6c, %	ISO 12966-4	57.4	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 %
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	< 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.

The results of inspection are valid for the time and place of inspection only.

This certificate is electronically signed and stamped.

DATED: 20th of FEBRUARY, 2023

For and on behalf of CISS GROUP Ukraine LLC

Registered Superintendent and Surveyor Member of FOSFA

