



Commodities International
Shipping and Survey



CISS GROUP UKRAINE LLC
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Page 1/1

CERTIFICATE No.: SGD00878

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:	M/T SELIN D
Quantity:	6000,000 MT
B/L No. & Date:	NO. 1 AND 2 DD 02.01.2023
Shipper:	GNT EUROPE SA CHEMIN JEAN BAPTISTE VANDELLE 3A 1290 VERSOIX, SWITZERLAND TO ORDER
Consignee:	PIER AGRO GIDA SAN. VE TIC.A.S.
Notify address:	ADANA YUMURTALIK SERBEST BOLGE SB. SARIMAZI SERBEST BOLGE MAH. ADANA YUMURTALIK SERBEST BOLGESI CEYHAN – ADANA
Port of loading:	ODESA, UKRAINE
Port of discharge:	TOROS/CEYHAN /TURKEY
Vessel Tanks Nos.:	1P/S; 2P/S; 3P/S; 4P/S; 5P/S; 6P/S; SLOP C

RESULTS OF QUALITY INSPECTION

Representative samples of the oil have been drawn from each ship's tank 1P/S; 2P/S; 3P/S; 4P/S; 5P/S; 6P/S; SLOP C of M/T SELIN 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	6.5	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	29.4	0.05 %
Linoleic acid C18:2n6c, %	ISO 12966-4	59.4	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.

This certificate is electronically signed and stamped.

DATED: 4th JANUARY, 2023

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

