



CISS Group PTE. LTD.

10, Anson Road, #29-05 A, International Plaza, Singapore, 079903.

e-mail: inspection@ciiss-group.com

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CERTIFICATE No.: UA01384

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 CIMIL
Quantity:	4407,080 MT
B/L No. & Date:	NO. 1 AND 2 DD 28.09.2022
Shipper:	"ODESKA TORGOVA KOMPANIA" LLC Ukraine, Odessa region, Odessa, Church str.,19 ON BEHALF OF D.A.M TRADE GROUP LLC LLC «NEW LOGIST UKRAINE» 65005, Ukraine, Odessa, street Balkovskaya, bldg. 108, of. 27 ON BEHALF OF D.A.M TRADE GROUP LLC
Consignee:	TO ORDER
Notify address:	Pier Agro Gıda San. Ve Tic.A.Ş. Adana Yumurtalık Serbest Bölge Şb. Sarımazı Serbest Bölge Mah. Adana Yumurtalık Serbest Bölgesi Ceyhan – ADANA
Port of loading:	IZMAIL, UKRAINE
Port of discharge:	TOROS PORT, CEYHAN/TURKEY
Vessel Tanks Nos.:	1P, 2P, 3P, 4P, 5P, 1S, 2S, 3S, 4S AND 5S

RESULTS OF QUALITY INSPECTION

Representative samples of the oil have been drawn from each ship's tank 1P, 2P, 3P, 4P, 5P, 1S, 2S, 3S, 4S AND 5S of MT CIMIL 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
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 %
cis-10-Heptadecenoic acid C17:1, %	ISO 12966-4	< 0.05*	0.05 %
Stearic acid C18:0, %	ISO 12966-4	3.2	0.05 %





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Oleic acid C18:1n9c, %	ISO 12966-4	30.8	0.05 %
Linoleic acid C18:2n6c, %	ISO 12966-4	58.1	0.05 %
γ-Linolenic acid (omega6) C18:3n6, %	ISO 12966-4	< 0.05*	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 %
Arachidonic acid (omega6) C20:4n6, %	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	0.8	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: 30th of SEPTEMBER, 2022

For and on behalf of CISS GROUP Ukraine LLC

Registered Superintendent and Surveyor Member of FOSFA

