



**Commodities International
Shipping and Survey**



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CISS GROUP UKRAINE LLC
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CERTIFICATE No.: SGD01192

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:	CRUDE SUNFLOWER SEED OIL IN BULK
Vessel:	MT MUBARIZ IBRAHIMOV
Quantity:	6113,290 MT
B/L No. & Date:	NO. A1-IZMAIL, A2-IZMAIL, A3-IZMAIL DD 21.11.2023
Shipper:	SUNOLTA (SUISSE) SA RUE DU 23-JUIN 26, 2800 DELEMONT, SWITZERLAND REG.NO. CHE-345.676.000
Consignee:	TO ORDER
Notify address:	PAMYAĞ GIDA SAN TİC A.Ş (TAX NUMBER 7210932703) SEKİLİ MAHALLESİ, E-90 KARAYOLU CADDE, NO :19/1 , NIZIP GAZIANTEP 27700, TURKIYE
Port of loading:	IZMAIL, UKRAINE
Port of discharge:	GUNEY WIMBA, TURKIYE
Vessel Tanks Nos.:	1C, 2C, 3C, 4C, 5C, 6C

RESULTS OF QUALITY INSPECTION

Representative samples of the oil have been drawn from each ship's tank 1C, 2C, 3C, 4C, 5C, 6C of MT MUBARIZ IBRAHIMOV 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
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	6.5	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	29.7	0.05 %
Linoleic acid C18:2n6c, %	ISO 12966-4	59.5	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	0.4	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	0.1	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.

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

This certificate is electronically signed and stamped.

DATED: 22nd of NOVEMBER, 2023

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

