



**Commodities International
Shipping and Survey**



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CISS GROUP UKRAINE LLC
member of **CISS GROUP Pte.Ltd. (Singapore)**
5, Odessa Blv., Ovidiopol district,
Lymanka village, Odessa region, 65037
inspection@ciiss-group.com

CERTIFICATE No.: UA01519

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 |
| Vessel: | MT VITIS |
| Quantity: | 5879,338 MT |
| B/L No. & Date: | NO. 1 DD 16.03.2023 |
| Shipper: | LIMITED LIABILITY COMPANY "INVEKS GROUP" 02I32, UKRAINE, KYIV, AVE. BAZHANA MIKOLI, 151, OFF.37 ON BEHALF OF ACRO TRADE GLOBAL FZE |
| Consignee: | TO ORDER |
| Notify address: | ARAM NISASTA YAG HUBUBAT SAN VE TIC AS GOMMETAS MAH URFA BLV FORD TRUCK DIYARBAKIR BAYI BLOK NO:273 BAGLAR-DIYARBAKIR, TURKEY |
| Port of loading: | IZMAIL, UKRAINE |
| Port of discharge: | MERSIN OR ISKENDERUN OR CEYHAN PORT OR IZMIR PORT OR MARMARA PORT, 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, 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, 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 |
|--------------------------------------|-------------|---------|--------|
| 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 | 6.2 | 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 | 3.2 | 0.05 % |
| Oleic acid C18:1n9c, % | ISO 12966-4 | 32.4 | 0.05 % |
| Linoleic acid C18:2n6c, % | ISO 12966-4 | 56.5 | 0.05 % |
| α-Linolenic acid (omega3) C18:3n3, % | ISO 12966-4 | 0.1 | 0.05 % |



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| | | | |
|---------------------------------------|-------------|---------|--------|
| 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 | 0.7 | 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 | 0.3 | 0.05 % |
| Nervonic acid C24:1, % | ISO 12966-4 | ND | 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: 20th of MARCH, 2023

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

