



**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.: SGD01450

ORIGINAL

QUALITY 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 SUNFLOWERSEED OIL, IN BULK OF EDIBLE GRADE
(FIT FOR HUMAN CONSUMPTION AFTER APPROPRIATE REFINING)

Vessel: M/T VITIS

Quantity: 5900,000 MT

B/L No. & Date: NO. 1 DD 11.03.2025

Shipper: SUNOLTA (SUISSE) SA
RUE DU 23-JUIN 26, 2800 DELEMONT, SWITZERLAND
REG.NO. CHE-345.676.000
ON BEHALF OF TOI COMMODITIES SA,
CHEMIN DU POMMIER 42, KYOTO,
1218 LE GRAND-SACONNEX, SWITZERLAND

Consignee: TO ORDER

Notify address: TOI COMMODITIES SA
CHEMIN DU POMMIER 42, KYOTO,
1218 LE GRAND-SACONNEX, SWITZERLAND

Port of loading: ODESA, UKRAINE

Port of discharge: CONSTANTA, ROMANIA

Vessel Tanks Nos.: 1P, 2P, 3P, 4P, 5P, 6P, 7P,8P, 9P, 10P, 11P,1S, 2S, 3S, 4S, 5S, 6S,
7S, 8S, 9S ,10S,11S

RESULTS OF QUALITY INSPECTION

Representative samples of the oil have been drawn from each ship's tank 1P, 2P, 3P, 4P, 5P, 6P, 7P,8P, 9P, 10P, 11P,1S, 2S, 3S, 4S, 5S, 6S, 7S, 8S, 9S ,10S,11S of M/T 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 | Specification | Results |
|----------------|---------|-----------------------|---------|
| FFA (AS OLEIC) | ISO 660 | BASIS 2 PCT MAX 3 PCT | 0,36% |
| MOISTURE | ISO 662 | MAX 0,50 PCT | 0,21% |
| IMPURITIES | ISO 663 | | |

| Parameter | Method | Results |
|-------------|-------------|-----------------|
| Phosphorus | ISO 10540-1 | 51,53 ppm |
| Flash Point | ISO 15267 | no flash 121 °C |





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| 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 | 3.4 | 0.05 % |
| Oleic acid C18:1n9c, % | ISO 12966-4 | 29.5 | 0.05 % |
| Linoleic acid C18:2n6c, % | ISO 12966-4 | 59.0 | 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 | 0.7 | 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 | < 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: 12th of MARCH, 2025

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

