



**Commodities International  
Shipping and Survey**



**FOSFA  
INTERNATIONAL**

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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.: SGD01484**

**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:	M/T VITIS
Quantity:	5900,000 MT
B/L No. & Date:	NO. 1 AND 2 DD 08.05.2025
Shipper:	SUNOLTA OU KESKLINNA LINNAOSA, JOE TN 4C 10151, HARJU MAAKOND TALLINN, ESTONIA
Consignee:	TO ORDER
Notify address:	PIER AGRO GIDA SAN. VE TIC.A.S. ADANA YUMURTALIK SERBEST BOLGE SB. ADRESS: SARIMAZI SERBEST BOLGE MAH. ADANA YUMURTALIK SERBEST BOLGESI CEYHAN – ADANA
Port of loading:	ODESA, UKRAINE
Port of discharge:	ISKENDERUN TURKIYE TOROS PORT (PIER AGRO TERMINAL)
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	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	6.4	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	29.4	0.05 %
Linoleic acid C18:2n6c, %	ISO 12966-4	59.2	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	< 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: 9th of MAY, 2025**

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



This certificate is issued to any job or services carried out within the GENERAL TERMS AND CONDITION OF BUSINESS printed overleaf. This certificate is not intended to relieve the parties of any relevant sales contract from their contractual obligations. The Company's responsibility under this Certificate is limited to proven negligence and will in no case be more than ten times the amount of the fees.