



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.: SGD01250

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: M/T BLUE CHEM
Quantity: 6500,000 MT
B/L No. & Date: NO. 1 DD 11.02.2024
Shipper: SUNOLTA (SUISSE) SA
RUE DU 23-JUIN 26,
2800 DELEMONT, SWITZERLAND
Consignee: TO THE ORDER OF SUNAR PAZARLAMA
VE DIS TIC LTD STI KOZYATAGI MAH.CARDAK
SOK.HERTI PLAZA NO:1,IC KAPI NO:3
KADIKOY,ISTANBUL /TURKIYE
TAX REG OFFICE:ERENKOY,
TAX REG NO:2010 3027 38
Notify address: SUNAR PAZARLAMA VE DIS TIC LTD STI
KOZYATAGI MAH.CARDAK SOK.HERTI PLAZA
NO:1,IC KAPI NO:3 KADIKOY,
ISTANBUL /TURKIYE
TAX REG OFFICE:ERENKOY,
TAX REG NO:2010 3027 38
Port of loading: ODESA, UKRAINE
Port of discharge: MERSIN (MIP OR SAVKA) OR ISKENDERUN PORT / TURKIYE
Vessel Tanks Nos.: 1P,2P,3P,4P,5P,6P,1S,2S,3S,4S,5S,6S.

RESULTS OF QUALITY INSPECTION

Representative samples of the oil have been drawn from each ship's tank 1P,2P,3P,4P,5P,6P,1S,2S,3S,4S,5S,6S of MT BLUE CHEM and sealed from vessel's tanks after completion of loading as per ISO 5555 according to FOSFA CONTRACT No.54 regulations.

Composite vessel's tanks sample were submitted for analysis to FOSFA approved chemical laboratory (SC Agmintest, analytical report No OD 24 - 646, date: 12.02.2024). We certify that the cargo is in conformity with Codex Alimentarius in regard to the parameters tested. The following results of analysis have been obtained:

Parameter	Method	Result	LOQ
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 %
Myristoleic acid, C14:1, %	ISO 12966-4	< 0.05*	0.05 %





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Pentadecanoic acid C15:0, %	ISO 12966-4	< 0.05*	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	3.1	0.05 %
Oleic acid C18:1n9c, %	ISO 12966-4	27.6	0.05 %
Linoleic acid C18:2n6c, %	ISO 12966-4	61.7	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 %
Heneicosanoic acid C21:0, %	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: 13th of FEBRUARY, 2024

For and on behalf of CISS GROUP Ukraine LLC

Registered Superintendent and Surveyor Member of FOSFA

