



Commodities International
Shipping and Survey



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

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CERTIFICATE No.: UA01582

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 SUNFLOWER SEED OIL, IN BULK
Vessel:	MT BLUE CHEM
Quantity:	1260,000 MT
B/L No. & Date:	NO. 1 DD 31.08.2023
Shipper:	LIMITED LIABILITY COMPANY "AGROCORN SALE" Ukraine, 04119, Kyiv city, Degtyarivska street, building 27 T, office 315 ON BEHALF OF SUNOLTA (SUISSE) SA RUE DU 23 JUIN 26 2800 DELEMONT SWITZERLAND
Consignee:	TO ORDER
Notify address:	REKA BITKISEL YAGLAR SAN. VE TIC. A.S. Barbaros Mah. Morsümbül Sok. No:1 Varyap Meridian Business I Blok Kat:6 Ofis 81-87 Batı Ataşehir 34746 Phone: +90 216 687 17 00 - Fax: +90 216 687 17 10
Port of loading:	IZMAIL, UKRAINE
Port of discharge:	TEKIRDAG PORT, TURKEY
Vessel Tanks Nos.:	1P,2P,3P,4P,5P,6P,1S,2S,3S,4S,5S,6S

RESULTS OF QUALITY INSPECTION

Representative preshipment samples of the oil delivered to vessel tank 1P,2P,3P,4P,5P,6P,1S,2S,3S,4S,5S,6S of MT BLUE CHEM have been drawn and sealed conjointly with buyer's superintendent at nearest practicable point to vessels' rail, according to FOSFA CONTRACT No.53. One sample was 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	3.0	0.05 %
Oleic acid C18:1n9c, %	ISO 12966-4	29.2	0.05 %
Linoleic acid C18:2n6c, %	ISO 12966-4	60.2	0.05 %





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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	0.3	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.

This certificate is electronically signed and stamped.

DATED: 31st of AUGUST, 2023
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.