



Commodities International
Shipping and Survey



FOSFA
INTERNATIONAL

Page

1/2

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

CERTIFICATE OF ANALYSIS

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 (QUALITY/ANALYSIS)

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 competition of loading as per ISO 5555 according to FOSFA CONTRACT No.54 regulations. One vessel's sample were submitted for analysis to FOSFA approved chemical laboratories (SC Agmintest, analytical report No OD 24 - 646, date: 12.02.2024 and "CISS GROUP UKRAINE" LLC, analytical report No 54/24, date: 12.02.2024). The following results of analysis have been obtained:

Parameter	Method	Result	LOQ
Hydrocarbon content attributed to mineral origin (C10-C56), ppm (mg/kg)	ISO 17780	< 50*	50 ppm (mg/kg)
Mineral oil (C10-C24), ppm (mg/kg)	ISO 17780	< 50*	50 ppm (mg/kg)





**Commodities International
Shipping and Survey**



Page

FOSFA
INTERNATIONAL

2/2

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

Parameter	Method	Specification	Results
Free fatty acid content (as oleic acid)	ISO 660	basis 1,5 % maximum 2 %	0,36%
Moisture and volatile substances	ISO 662	max.0,50%	0,17%
Foreign substances	ISO 663		
Flash Point	ISO 15267	min. 121°C	No flash at 121 °C
Sediments	ISO 15301	basis 1.5% max 2.0%	0,3%
Color (5 – ¼)	ISO 15305	max 7 red	3,8 red
Phosphorus content	ISO 10540-1	max 300 ppm	34,47 ppm
Benzopyrene	ISO 15753	Max 5 PPB	1,12 PPB

*-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: 13th of FEBRUARY, 2024

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

