



Commodities International
Shipping and Survey



FOSFA
INTERNATIONAL

Page 1/1

CISS GROUP UKRAINE LLC
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Lymanka village, Odessa region, 65037
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CERTIFICATE No.: SGD00929

ORIGINAL

CERTIFICATE OF ANALYSES

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 MRC MINA
Quantity: 6599,360 MT
B/L No. & Date: NO. A1-IZMAIL DD 06.03.2023
Shipper: AVANTAGRO LTD
SUITE 1, SECOND FLOOR, SOUND & VISION HOUSE,
FRANCIS RACHEL STR., VICTORIA, MAHE, SEYCHELLES
ON BEHALF OF VIVACITY MK LLC
Consignee: TO ORDER
Notify address: ABALIOGLU YAG SANAYI VE TICARET A.S.
10006/1 SOKAK NO:19 A.O.S.B.
CIGLI, IZMIR – TURKEY
Port of loading: IZMAIL, UKRAINE
Port of discharge: ALIAGA, TURKEY
Vessel Tanks Nos.: 2P/S, 3P/3S, 4P/S, 5P/S, 6P/S, 7P/S

RESULTS OF QUALITY INSPECTION

Representative samples of the oil have been drawn from each ship's tank 2P/S, 3P/3S, 4P/S, 5P/S, 6P/S, 7P/S of MT MRC MINA 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
Free fatty acid content (as oleic acid)	ISO 660	basis 1,5%, max 2,0%	0,65%
Flash point	ISO 15267	min. 121°C	no flash 121°C
Moisture	ISO 662	max 0,5%	0,17%
Impurities	ISO 663		
Sediment	ISO 15301	basis 1,5%, max 2.0%	1,47%

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)

*.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 MARCH, 2023

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

