



Commodities International
Shipping and Survey



FOSFA
INTERNATIONAL

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CISS GROUP UKRAINE LLC
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CERTIFICATE No.: UA02006

ORIGINAL

CERTIFICATE OF QUALITY

In pursuance of an order received from our principal, requesting us to carry out inspection we hereby confirm as follows:

Shipper: "CRYSTAL ALLIANCE TRADE" LLC
68600, UKRAINE, ODESA REGION, IZMAIL,
ST.VERBYTSKYI MYKHAILO 11
Consignee: TO ORDER
Description of goods: RAPESEED OIL IN BULK
Shore tank: Land Tank 3
Place of loading: IZMAIL, UKRAINE / "UPSS IZMAIL" LLC

SAMPLING AND QUALITY ANALYSIS RESULTS:

SAMPLING: Samples were taken in accordance with ISO 5555 methods. Samples were retained in airtight containers until delivery to laboratory. Date of sampling on 20.09.2025. Place of sampling - IZMAIL, UKRAINE / "UPSS IZMAIL" LLC.

ANALYSIS: Samples were analyzed according to FOSFA methods in FOSFA approved chemical laboratory.

No	The name of the indicator	Normative document on test methods	Units of measurement	Test results
1	Moisture and volatile matter content	ISO 662:2016, p.8	%	0.07
2	Insoluble impurities content	ISO 663:2017	%	0.02
3	Acid value	ISO 660:2020, p.9.1	mg KOH/g	1.02
4	Peroxide value	ISO 3960:2017	1/2 O mmol/kg	4.68
5	Mass fraction of phosphorus-containing compounds expressed as stearooleolecithin	DSTU 7082:2009, p.6	%	0.397
6	Flashpoint	ISO 15267:1998	°C	no flash at 121 °C
7	Color number	DSTU 4568:2006	I ₂ in 100 cm ³	40
8	Mass fraction of soap	DSTU 6048:2008	%	No soap detected
9	Taste	DSTU 8842:2019	-	Characteristic of rapeseed oil, free from off-flavor and bitterness
10	Smell		-	The smell is characteristic of rapeseed oil, without extraneous odor
11	Clarity		-	Transparent, with slight sediment

No	The name of the indicator	Normative document on test methods	Units of measurement	Test results	LOQ
12	Erucic acid C22:1n9	ISO 12966-4	%	0.1	0.05 %

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: 20th of SEPTEMBER, 2025

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

