



**CISS Group PTE. LTD.**

10, Anson Road, #29-05 A, International Plaza, Singapore, 079903.

e-mail: inspection@ciiss-group.com

**CERTIFICATE No.: SGD00511**

**ORIGINAL**

## FAC CERTIFICATE

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

Description of goods:	<b>RUSSIAN CRUDE SUNFLOWER SEED OIL IN BULK</b>
Vessel:	<b>M/T "GARMONIA"</b>
Quantity:	<b>6 274,768 mt</b>
B/L No. & Date:	<b>No 1 dd 21.11.2020</b>
Shipper:	<b>"Trade House "Chernozemye" LLC, office 413, 3, Peter the Great Sq., Lipetsk, 398001, Russia</b>
Consignee:	<b>TO ORDER</b>
Notify address:	<b>KUCUKBAY YAG VE DETERJAN SANAYI A.S. ANKARA CADDESİ, NO:102, 35030 BORNOVA-IZMIR-TURKIYE</b>
Port of loading:	<b>Kavkaz, Russia</b>
Port of discharge:	<b>T.C.D.D. ALSANCAK PORT / IZMIR OR ANY TURKISH PORT</b>
Vessel Tanks Nos.:	<b>1p/s, 2p/s, 3p/s, 4p/s, 5p/s, 6p/s</b>

### RESULTS OF QUALITY INSPECTION

Representative samples of the oil have been drawn from each ship's tank/s (1p/s, 2p/s, 3p/s, 4p/s, 5p/s, 6p/s) of M/T "GARMONIA" and sealed by superintendent for analysis according to FOSFA CONTRACT No.54. One set of samples was submitted for analysis to FOSFA approved chemical laboratory. The following results of analysis have been obtained:

Fatty acids	Detection limit, %	Max quantity allowed, %	Actual results
C18:1, Octadecenoic acid, as sum of isomers, inc.	0.05	14.0-39.4	24,2
-C18:1n9t, Elaidic acid (trans-9-Octadecenoic acid)	0.05	-	ND
-C18:1n9c, Oleic acid (cis-9-Octadecenoic acid) (omega 9)	0.05	-	24,2
C18:2, Octadecadienoic acid, as sum of isomers, incl.	0.05	48.3-74.0	63,5
-C18:2n6t, Linoelaidic acid	0.05	-	ND
-C18:2n6c, Linoleic acid (omega 6)	0.05	-	63,5
C18:3, Octadecatrienoic acid, as sum of isomers, incl.	0.05	ND-0.3	0,1
-C18:3n6, γ-Linolenic acid	0.05	-	0,1
-C18:3n3, α-Linolenic acid (omega 3)	0.05	-	ND
C20:0, Arachidic acid	0.05	0.1-0.5	0,18
C20:1, cis-11-Eicosenoic acid	0.05	ND-0.3	0,1
C20:2, cis-11, 14 – Eicosadienoic acid	0.05	ND	ND
C22:0, Behenic acid	0.05	0.3-1.5	0,6
C22:1n9, Erucic acid	0.05	ND-0.3	ND
C22:2, cis-13, 16-Docosadienoic acid	0.05	ND-0.3	ND
C24:0, Lignoceric acid	0.05	ND-0.5	0,14
C24:1, Nervonic acid	0.05	ND	ND





**Commodities International  
Shipping and Survey**



Page 2/2

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C6:0, Caproic acid	0.05	ND	ND
C8:0, Caprylic acid	0.05	ND	ND
C10:0, Capric acid	0.05	ND	ND
C12:0, Lauric acid	0.05	ND - 0.1	ND
C14:0, Myristic acid	0.05	ND - 0.2	0,14
C16:0, Palmitic acid	0.05	5.0-7.6	7,3
C16:1, Palmitoleic acid	0.05	ND - 0.3	0,2
C17:0, Heptadecanoic acid	0.05	ND - 0.2	ND
C17:1, cis-10-Heptadecenoic acid	0.05	ND - 0.1	ND
C18:0, Stearic acid	0.05	2.7-6.5	3,8

These findings are valid for the time and place of inspection only. The certificate does not relieve the Vessel, Carrier and any other party from their contractual obligations and duties.

DATED: 30 of NOVEMBER, 2020

FOR AND ON BEHALF OF CISS GROUP Ukraine LLC  
FIRST CLASS INDEPENDENT SURVEYOR  
REGISTERED SUPERINTENDENT MEMBER OF FOSFA

