



**Commodities International
Shipping and Survey**



Page 1/3

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.: SGD01538/3

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 SUNFLOWER OIL, IN BULK, CROP 2025
Vessel:	barge KKG-T1
Quantity:	689,682 MT
B/L No. & Date:	NO. 3 DD 10.10.2025
Shipper:	SUNOLTA (SUISSE) SA RUE DU 23-JUIN 26, 2800 DELEMONT, SWITZERLAND
Consignee:	TO ORDER
Notify address:	Oliva AD 60 Asen Yordanov Str. Lozenets district 1407 Sofia, Bulgaria, VAT : BG106013774
Port of loading:	IZMAIL, UKRAINE
Port of discharge:	SILISTRA, BULGARIA
Vessel Tanks Nos.:	1P,1S,2P,2S,3P,3S,4P,4S,5P,5S,6P,6S

RESULTS OF QUALITY INSPECTION

Representative samples of the oil have been drawn from each ship's tanks 1P,1S,2P,2S,3P,3S,4P,4S,5P,5S,6P,6S of barge KKG-T1 and sealed from vessel's tanks after completion of loading according to FOSFA CONTRACT No.54.

The vessel's samples, co-jointly sealed with Control Union Ukraine, were submitted for analysis to FOSFA approved chemical laboratory: sample seals No H32203247/06134396 - "INSPECTORATE UKRAINE" LLC. The following results of analysis have been obtained:

Test Description	Method	Units	LOQ*	Results
Mineral oil (Hydrocarbons C10-C56)	ISO 17780:2015	mg/kg	20,0	ND, less than 20,0

Test Description	Method	Specification as per contract	Units	Results
MOSH: => C10 - <=C16	INSO 411:2013	MOSH & MOAH (<= 2 MOAH & MOSH < 10)	mg/kg	<2,0
MOSH: > C16 - <=C20	INSO 411:2013		mg/kg	<2,0
MOSH: > C20 - <=C25	INSO 411:2013		mg/kg	<2,0
MOSH: > C25 - <=C35	INSO 411:2013		mg/kg	3,9
MOSH: > C35 - <=C40	INSO 411:2013		mg/kg	<2,0
MOSH: > C40 - <=C50	INSO 411:2013		mg/kg	<2,0
MOSH: Total	INSO 411:2013		mg/kg	7,3
MOAH: => C10 - <=C16	INSO 411:2013		mg/kg	<1,0
MOAH: > C16 - <=C25	INSO 411:2013		mg/kg	<1,0
MOAH: > C25 - <=C35	INSO 411:2013		mg/kg	<1,0
MOAH: > C35 - <=C50	INSO 411:2013		mg/kg	<1,0
MOAH: Total	INSO 411:2013		mg/kg	<2,0





**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

Page 2/3

CERTIFICATE No.: SGD01538/3

ORIGINAL

No	Test Description	Method**	Units***	Results
1	Sum of dioxins (WHO-PCDD/Fs-TEQ)	EN 16215:2020	pg/g fat	<0,75
2	Sum of dioxins and dioxin-like PCBs (WHO-PCDD/Fs-PCB-TEQ)	EN 16215:2020	pg/g fat	<1,25
3	Sum of PCBs non-dioxin-like	EN 16215:2020	ng/g fat	<40
4	2,3,7,8-TCDD	EN 16215:2020	pg/g fat	<0,04
5	1,2,3,7,8-PeCDD	EN 16215:2020	pg/g fat	<0,04
6	1,2,3,4,7,8-HxCDD	EN 16215:2020	pg/g fat	<0,01
7	1,2,3,6,7,8-HxCDD	EN 16215:2020	pg/g fat	<0,01
8	1,2,3,7,8,9-HxCDD	EN 16215:2020	pg/g fat	<0,01
9	1,2,3,4,6,7,8-HpCDD	EN 16215:2020	pg/g fat	<0,001
10	OCDD	EN 16215:2020	pg/g fat	<0,00006
11	2,3,7,8-TCDF	EN 16215:2020	pg/g fat	<0,00006
12	1,2,3,7,8-PeCDF	EN 16215:2020	pg/g fat	<0,001
13	2,3,4,7,8-PeCDF	EN 16215:2020	pg/g fat	<0,012
14	1,2,3,4,7,8-HxCDF	EN 16215:2020	pg/g fat	<0,01
15	1,2,3,6,7,8-HxCDF	EN 16215:2020	pg/g fat	<0,01
16	2,3,4,6,7,8-HxCDF	EN 16215:2020	pg/g fat	<0,01
17	1,2,3,7,8,9-HxCDF	EN 16215:2020	pg/g fat	<0,01
18	1,2,3,4,6,7,8-HpCDF	EN 16215:2020	pg/g fat	<0,001
19	1,2,3,4,7,8,9-HpCDF	EN 16215:2020	pg/g fat	<0,001
20	OCDF	EN 16215:2020	pg/g fat	<0,00006
21	dioxin-like PCB 77	EN 16215:2020	pg/g fat	0,0002
22	dioxin-like PCB 81	EN 16215:2020	pg/g fat	<0,00015
23	dioxin-like PCB 126	EN 16215:2020	pg/g fat	<0,05
24	dioxin-like PCB 169	EN 16215:2020	pg/g fat	<0,015
25	dioxin-like PCB 105	EN 16215:2020	pg/g fat	<0,0003
26	dioxin-like PCB 114	EN 16215:2020	pg/g fat	<0,0003
27	dioxin-like PCB 118	EN 16215:2020	pg/g fat	0,001
28	dioxin-like PCB 123	EN 16215:2020	pg/g fat	<0,0003
29	dioxin-like PCB 156	EN 16215:2020	pg/g fat	<0,0003
30	dioxin-like PCB 157	EN 16215:2020	pg/g fat	<0,0003
31	dioxin-like PCB 167	EN 16215:2020	pg/g fat	<0,0003
32	dioxin-like PCB 189	EN 16215:2020	pg/g fat	<0,0003
33	non-dioxin-like PCB 28	EN 16215:2020	ng/g fat	<0,100
34	non-dioxin-like PCB 52	EN 16215:2020	ng/g fat	<0,100
35	non-dioxin-like PCB 101	EN 16215:2020	ng/g fat	<0,100



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.



**Commodities International
Shipping and Survey**



**FOSFA
INTERNATIONAL**

Page 3/3

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.: SGD01538/3

ORIGINAL

36	non-dioxin-like PCB 138	EN 16215:2020	ng/g fat	<0,100
37	non-dioxin-like PCB 153	EN 16215:2020	ng/g fat	<0,100
38	non-dioxin-like PCB 180	EN 16215:2020	ng/g fat	<0,100
39	TEQ (WHO) for PCDD/Fs including LOQ for non-quantified congener	EN 16215:2020	pg/g fat	0,170
40	TEQ (WHO) for dioxin-like PCBs including LOQ for non-quantified congener	EN 16215:2020	pg/g fat	0,069
41	TEQ (WHO) for PCDD/Fs + dioxin-like PCBs including LOQ for non-quantified congener	EN 16215:2020	pg/g fat	0,239
42	Non-dioxin-like PCBs	EN 16215:2020	ng/g fat	0,600

*LOQ — limit of quantification.

**In accordance with Directive (EU) nr. 2017/644 (for Food).

***Content of PCDD/Fs and dioxin-like PCBs is recalculated to Toxic Equivalents (TEQ) values excluding non-dioxin-like PCBs.

This certificate is electronically signed and stamped.

DATED: 15th of OCTOBER, 2025

**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.