



CISS Group PTE. LTD.

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

e-mail: inspection@ciiss-group.com

CERTIFICATE No.: UA01378

ORIGINAL

ORIGINAL ANALYSIS CERTIFICATE

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

Description of goods: UKRAINIAN SUNFLOWERSEEDS MEAL IN PELLETS, CROP 2022
Vessel: M/V "Ugurs"
Quantity: 3299,840 MT
BL No. & Date: NO. 1 DD 22.09.2022
Shipper: LLC «NEW LOGIST UKRAINE»
65005, Ukraine, Odessa, street Balkovskaya, bldg. 108, of. 27
ON BEHALF OF AGRO TRADE GLOBAL FZC
Consignee: TO ORDER
Notify Address: TH. NITSIKOS A.V.E.E.
Port of loading: IZMAIL, UKRAINE
Port of discharge: VOLOS, GREECE

SAMPLING AND QUALITY ANALYSIS RESULTS:

The sampling was performed according to the GAFTA 124 rules at the time of loading. A composite sample of the total consignment was proportionally mixed and submitted for analysis in GAFTA accredited reputable and independent laboratories. The following results were obtained:

Parameter	Method	Result	LOQ
Arsenic (As), ppm	AGM-17 (ICP-OES)	< 0.05*	0.05 ppm
Cadmium (Cd), ppm	AGM-17 (ICP-OES)	0.304	0.01 ppm
Mercury (Hg), ppm	AGM-17 (ICP-OES)	< 0.01*	0.01 ppm
Lead (Pb), ppm	AGM-17 (ICP-OES)	0.065	0.05 ppm

Parameter	Method	Result	LOQ
Ochratoxin A, ppb	ISO 15141	< 1*	1 ppb
Zearalenone, ppb (µg/kg)	ISO 17372	< 50*	50 ppb
Deoxynivalenol (vomitoxin DON), ppb (µg/kg)	AGM-12	< 50*	50 ppb
HT-2 toxin, ppb	AGM-13	< 50*	50 ppb
T-2 toxin, ppb	AGM-13	< 50*	50 ppb
Fumonisin B1, ppb	AGM-14	< 100*	100 ppb
Fumonisin B2, ppb	AGM-14	< 100*	100 ppb





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Test Description	Method**	Units***	Results
Sum of dioxins (WHO-PCDD/Fs-TEQ)	EN 16215:2020	pg/g	<0,75
Sum of dioxins and dioxin-like PCBs (WHO-PCDD/Fs-PCB-TEQ)	EN 16215:2020	pg/g	<1,25
Sum of PCBs non-dioxin-like	EN 16215:2020	ng/g	<10
2,3,7,8-TCDD	EN 16215:2020	pg/g	<0,02
1,2,3,7,8-PeCDD	EN 16215:2020	pg/g	<0,02
1,2,3,4,7,8-HxCDD	EN 16215:2020	pg/g	<0,005
1,2,3,6,7,8-HxCDD	EN 16215:2020	pg/g	<0,005
1,2,3,7,8,9-HxCDD	EN 16215:2020	pg/g	<0,005
1,2,3,4,6,7,8-HpCDD	EN 16215:2020	pg/g	<0,0005
OCDD	EN 16215:2020	pg/g	<0,00003
2,3,7,8-TCDF	EN 16215:2020	pg/g	<0,002
1,2,3,7,8-PeCDF	EN 16215:2020	pg/g	<0,0006
2,3,4,7,8-PeCDF	EN 16215:2020	pg/g	<0,006
1,2,3,4,7,8-HxCDF	EN 16215:2020	pg/g	<0,005
1,2,3,6,7,8-HxCDF	EN 16215:2020	pg/g	<0,005
2,3,4,6,7,8-HxCDF	EN 16215:2020	pg/g	<0,005
1,2,3,7,8,9-HxCDF	EN 16215:2020	pg/g	<0,005
1,2,3,4,6,7,8-HpCDF	EN 16215:2020	pg/g	<0,0005
1,2,3,4,7,8,9-HpCDF	EN 16215:2020	pg/g	<0,0005
OCDF	EN 16215:2020	pg/g	<0,00003
dioxin-like PCB 77	EN 16215:2020	pg/g	<0,000025
dioxin-like PCB 81	EN 16215:2020	pg/g	<0,000075
dioxin-like PCB 126	EN 16215:2020	pg/g	<0,025
dioxin-like PCB 169	EN 16215:2020	pg/g	<0,0075
dioxin-like PCB 105	EN 16215:2020	pg/g	0,0003
dioxin-like PCB 114	EN 16215:2020	pg/g	<0,00015
dioxin-like PCB 118	EN 16215:2020	pg/g	0,0007
dioxin-like PCB 123	EN 16215:2020	pg/g	<0,00015
dioxin-like PCB 156	EN 16215:2020	pg/g	<0,00015
dioxin-like PCB 157	EN 16215:2020	pg/g	<0,00015
dioxin-like PCB 167	EN 16215:2020	pg/g	<0,00015
dioxin-like PCB 189	EN 16215:2020	pg/g	<0,00015
non-dioxin-like PCB 28	EN 16215:2020	ng/g	<0,05
non-dioxin-like PCB 52	EN 16215:2020	ng/g	<0,05





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non-dioxin-like PCB 101	EN 16215:2020	ng/g	<0,05
non-dioxin-like PCB 138	EN 16215:2020	ng/g	<0,05
non-dioxin-like PCB 153	EN 16215:2020	ng/g	<0,05
non-dioxin-like PCB 180	EN 16215:2020	ng/g	<0,05
TEQ (WHO) for PCDD/Fs including LOQ for non-quantified congener, 12% moisture	EN 16215:2020	pg/g	0,083
TEQ (WHO) for dioxin-like PCBs including LOQ for non-quantified congener, 12% moisture	EN 16215:2020	pg/g	0,033
TEQ (WHO) for PCDD/Fs + dioxin-like PCBs including LOQ for non-quantified congener, 12% moisture	EN 16215:2020	pg/g	0,116
Non-dioxin-like PCBs, 12% moisture	EN 16215:2020	ng/g	0,292

*-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.

**In accordance with Directive (EU) nr. 2017/771 (for Feed).

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

Sound, loyal and merchantable, free from alive weevils, alive insects and foreign smell.

The results of these analyses are in conformity with the above-mentioned quality/condition specifications.

The results of inspection are valid for the time and place of inspection only.

This certificate is electronically signed and stamped.

DATED: 27th of SEPTEMBER, 2022

For and on behalf of CISS GROUP Ukraine LLC

Registered Superintendent and Surveyor Member of GAFTA

