



CISS Group PTE. LTD.

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

e-mail: inspection@ciiss-group.com

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CERTIFICATE No.: SGD00755/2

ORIGINAL

DIOXIN 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 ORIGIN SUNFLOWERSEED MEAL IN BULK, CROP 2022
Vessel: M/V FULMAR S
Quantity: 4398,960 MT
BL No. & Date: NO. 2 DD 18.09.2022
Shipper: GNT TRADE DMCC
OFFICE 32A, GOLD TOWER, CLUSTER 1, JLT, DUBAI, UAE
Consignee: TO ORDER
Notify Address: JAKIL SPA-FORO BUONAPARTE
68-20121 MILANO ITALY
TEL 02 7211901 FAX 02861404
Port of loading: ODESSA, UKRAINE
Port of discharge: RAVENNA, ITALY

RESULTS OF INSPECTION

The sampling was performed according to the GAFTA rules as pre-shipment. A composite sample of the total consignment was proportionally mixed and submitted for analysis in GAFTA accredited laboratory "INSPECTORATE UKRAINE" LLC (report No 3097/22E dd 22.09.2022). The following results were obtained:

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





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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	0,00006
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	<0,00015
dioxin-like PCB 114	EN 16215:2020	pg/g	<0,00015
dioxin-like PCB 118	EN 16215:2020	pg/g	<0,00015
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	0,076
non-dioxin-like PCB 52	EN 16215:2020	ng/g	<0,05
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	0,319

*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.

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: 22nd of SEPTEMBER, 2022

For and on behalf of CISS GROUP Ukraine LLC

Registered Superintendent and Surveyor Member of GAFTA

