



**Commodities International  
Shipping and Survey**



Page 1/2

CISS Group PTE. LTD.

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

e-mail: inspection@ciiss-group.com

**CERTIFICATE No.: UA01288**

**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:

SUNFLOWER SEEDS OF UKRAINIAN ORIGIN, IN BULK,  
CROP 2021

Vessel:

MV NIL DEMIR

Quantity:

2193,110 MT

BL No. & Date:

NO. 1 AND 2 DD 12.06.2022

Shipper:

LLC "MEISEN"

54001, MYKOLAYIV REG., MYKOLAYV,

NIKOLSKAYA STR., BLDG. 61/11

ON BEHALF OF HITIT A.G. TURMSTRASSE 28, 6312

STEINHAUSEN /SWITZERLAND

Consignee:

TO ORDER

Notify Address:

BEK TARIM LIMITED ŞİRKETİ AKKENT MAH. 1.

GİMAT SOK. NO:111

MERKEZ/ÇORUM, TURKEY

Port of loading:

IZMAIL, UKRAINE

Port of discharge:

ONE TBS PORT OR MARMARA PORT /TURKEY

## **RESULTS OF INSPECTION**

The pre-sampling was performed according to the FOSFA rules as pre-shipment. A composite sample of the total consignment was proportionally mixed and submitted for analysis in FOSFA accredited laboratory "INSPECTORATE UKRAINE" LLC (report 1481/22E dd 02.06.2022). The following results were obtained:

| No | Test Description                                          | Method*       | Units* | Results  |
|----|-----------------------------------------------------------|---------------|--------|----------|
| 1  | Sum of dioxins<br>(WHO-PCDD/Fs-TEQ)                       | EN 16215:2020 | pg/g   | <0,75    |
| 2  | Sum of dioxins and dioxin-like PCBs (WHO-PCDD/Fs-PCB-TEQ) | EN 16215:2020 | pg/g   | <1,25    |
| 3  | Sum of PCBs non-dioxin-like                               | EN 16215:2020 | ng/g   | <10      |
| 4  | 2,3,7,8-TCDD                                              | EN 16215:2020 | pg/g   | <0,02    |
| 5  | 1,2,3,7,8-PeCDD                                           | EN 16215:2020 | pg/g   | <0,02    |
| 6  | 1,2,3,4,7,8-HxCDD                                         | EN 16215:2020 | pg/g   | <0,005   |
| 7  | 1,2,3,6,7,8-HxCDD                                         | EN 16215:2020 | pg/g   | <0,005   |
| 8  | 1,2,3,7,8,9-HxCDD                                         | EN 16215:2020 | pg/g   | <0,005   |
| 9  | 1,2,3,4,6,7,8-HpCDD                                       | EN 16215:2020 | pg/g   | <0,0005  |
| 10 | OCDD                                                      | EN 16215:2020 | pg/g   | <0,00003 |
| 11 | 2,3,7,8-TCDF                                              | EN 16215:2020 | pg/g   | <0,002   |
| 12 | 1,2,3,7,8-PeCDF                                           | EN 16215:2020 | pg/g   | <0,0006  |







**Commodities International  
Shipping and Survey**



**FOSFA  
INTERNATIONAL**

Page 2/2

CISS Group PTE. LTD.

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

e-mail: inspection@ciiss-group.com

**CERTIFICATE No.: UA01288**

**ORIGINAL**

|    |                                                                                                  |               |      |           |
|----|--------------------------------------------------------------------------------------------------|---------------|------|-----------|
| 13 | 2,3,4,7,8-PeCDF                                                                                  | EN 16215:2020 | pg/g | <0,006    |
| 14 | 1,2,3,4,7,8-HxCDF                                                                                | EN 16215:2020 | pg/g | <0,005    |
| 15 | 1,2,3,6,7,8-HxCDF                                                                                | EN 16215:2020 | pg/g | <0,005    |
| 16 | 2,3,4,6,7,8-HxCDF                                                                                | EN 16215:2020 | pg/g | <0,005    |
| 17 | 1,2,3,7,8,9-HxCDF                                                                                | EN 16215:2020 | pg/g | <0,005    |
| 18 | 1,2,3,4,6,7,8-HpCDF                                                                              | EN 16215:2020 | pg/g | <0,0005   |
| 19 | 1,2,3,4,7,8,9-HpCDF                                                                              | EN 16215:2020 | pg/g | <0,0005   |
| 20 | OCDF                                                                                             | EN 16215:2020 | pg/g | <0,00003  |
| 21 | dioxin-like PCB 77                                                                               | EN 16215:2020 | pg/g | 0,00004   |
| 22 | dioxin-like PCB 81                                                                               | EN 16215:2020 | pg/g | <0,000075 |
| 23 | dioxin-like PCB 126                                                                              | EN 16215:2020 | pg/g | <0,025    |
| 24 | dioxin-like PCB 169                                                                              | EN 16215:2020 | pg/g | <0,0075   |
| 25 | dioxin-like PCB 105                                                                              | EN 16215:2020 | pg/g | 0,0002    |
| 26 | dioxin-like PCB 114                                                                              | EN 16215:2020 | pg/g | <0,00015  |
| 27 | dioxin-like PCB 118                                                                              | EN 16215:2020 | pg/g | 0,0003    |
| 28 | dioxin-like PCB 123                                                                              | EN 16215:2020 | pg/g | <0,00015  |
| 29 | dioxin-like PCB 156                                                                              | EN 16215:2020 | pg/g | <0,00015  |
| 30 | dioxin-like PCB 157                                                                              | EN 16215:2020 | pg/g | <0,00015  |
| 31 | dioxin-like PCB 167                                                                              | EN 16215:2020 | pg/g | <0,00015  |
| 32 | dioxin-like PCB 189                                                                              | EN 16215:2020 | pg/g | <0,00015  |
| 33 | non-dioxin-like PCB 28                                                                           | EN 16215:2020 | ng/g | <0,05     |
| 34 | non-dioxin-like PCB 52                                                                           | EN 16215:2020 | ng/g | <0,05     |
| 35 | non-dioxin-like PCB 101                                                                          | EN 16215:2020 | ng/g | <0,05     |
| 36 | non-dioxin-like PCB 138                                                                          | EN 16215:2020 | ng/g | <0,05     |
| 37 | non-dioxin-like PCB 153                                                                          | EN 16215:2020 | ng/g | <0,05     |
| 38 | non-dioxin-like PCB 180                                                                          | EN 16215:2020 | ng/g | <0,05     |
| 39 | TEQ (WHO) for PCDD/Fs including LOQ for non-quantified congener, 12% moisture                    | EN 16215:2020 | pg/g | 0,079     |
| 40 | TEQ (WHO) for dioxin-like PCBs including LOQ for non-quantified congener, 12% moisture           | EN 16215:2020 | pg/g | 0,031     |
| 41 | TEQ (WHO) for PCDD/Fs + dioxin-like PCBs including LOQ for non-quantified congener, 12% moisture | EN 16215:2020 | pg/g | 0,110     |
| 42 | Non-dioxin-like PCBs, 12% moisture                                                               | EN 16215:2020 | ng/g | 0,278     |

\*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.

**DATED: 12th of JUNE, 2022**

**For and on behalf of CISS GROUP Ukraine LLC**

**Registered Superintendent and Surveyor Member of FOSFA**

