

• ROTTERDAM • LIMA •

## Analytical Report

### Control Union Turkey

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Turkey

|                     |                     |                  |                |
|---------------------|---------------------|------------------|----------------|
| Reportnr.           | : 1974582 version 1 | Sampling Date    | *: 07-May-2025 |
| Sample Arrival Date | : 07-May-2025 14:11 | Samplesize (kg)  | : 0,591        |
| ReportDate Version  | : 13-May-2025 15:36 | Seal / Seal Code | : No /         |
| Packing             | : Plastic, ambient  |                  |                |

### Sample information \*

|                 |           |                       |                     |
|-----------------|-----------|-----------------------|---------------------|
| Seller Unloader | : Prometa | Product specification | : Acid oil for feed |
|                 |           | Origin                | : Turkey            |
|                 |           | AWB / BarCode         | : 150959518         |

\* Information supplied by customer (TLR takes no responsibility for this information).

### Composition Determination

#### Metal and other elements

| Parameter    | Result (as received) |       |  |     |
|--------------|----------------------|-------|--|-----|
| Cd (Cadmium) | < 0,010              | mg/kg |  | Q R |
| Pb (Lead)    | < 0,050              | mg/kg |  | Q R |
| As (Arsenic) | < 0,040              | mg/kg |  | Q R |
| Hg (Mercury) | < 0,005              | mg/kg |  | Q R |

### Contaminations

#### EFSA/TEF- calculation with moisture content 12%

| Parameter                       | Result (as received) |              |                                |     |
|---------------------------------|----------------------|--------------|--------------------------------|-----|
| WHO (PCDD/PCDF) -TEQ/kg (88     | < 0,260              | ng/kg 88% dm | max 0,75 ng/kg as per 2002/32  | Q R |
| WHO(PCDD/F/PCB) TEQ/kg88%dm     | < 0,550              | ng/kg 88% dm | max 1,5 ng/kg as per 2002/32   | Q R |
| WHO (PCB)-TEQ/kg (88%dm).       | < 0,246              | ng/kg 88% dm | For assement of EU limits feed | Q R |
| Sum ndl-PCB's (ICES-6) Up.bound | 3,0                  | µg/kg        |                                | Q R |
| Moisture tbv Dioxines.          | < 0,10               | %            |                                | R   |

#### EFSA/TEF- calculation wet weight

| Parameter                    | Result (as received) |           |  |     |
|------------------------------|----------------------|-----------|--|-----|
| WHO (PCDD/PCDF); Upper bound | 0,28                 | ng/kg TEQ |  | Q R |
| WHO-PCDD/F-PCB- Up.bound     | 0,539                | ng/kg TEQ |  | Q R |
| WHO (PCB) upperbound.        | 0,264                | ng/kg TEQ |  | R   |

### Dioxins, dl PCBs, ndl PCBs

| Parameter | Result (as received) |           |  |     |
|-----------|----------------------|-----------|--|-----|
| PCB-77.   | < 2,0                | ng/kg fat |  | Q R |
| PCB-81.   | < 2,0                | ng/kg fat |  | Q R |
| PCB-126.  | < 2,0                | ng/kg fat |  | Q R |
| PCB-169.. | < 2,0                | ng/kg fat |  | Q R |
| PCB-105.  | < 10                 | ng/kg fat |  | Q R |
| PCB-114.  | < 20                 | ng/kg fat |  | Q R |
| PCB-118.  | < 20                 | ng/kg fat |  | Q R |
| PCB-123.  | < 10                 | ng/kg fat |  | Q R |
| PCB-156.  | < 10                 | ng/kg fat |  | Q R |
| PCB-157.  | < 10                 | ng/kg fat |  | Q R |

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|                                   |                             |           |   |   |
|-----------------------------------|-----------------------------|-----------|---|---|
| PCB-167.                          | < 10                        | ng/kg fat | Q | R |
| PCB-189.                          | < 10                        | ng/kg fat | Q | R |
| WHO (PCB); Mediumbound            | 0,13                        | ng/kg TEQ | Q | R |
| WHO (PCB); Lower bound.           | < 0,00                      | ng/kg TEQ | Q | R |
| <b>Dioxins</b>                    |                             |           |   |   |
| <b>Parameter</b>                  | <b>Result (as received)</b> |           |   |   |
| 2,3,7,8-TCDD.                     | < 0,08                      | ng/kg fat | Q | R |
| 1,2,3,7,8-PeCDD.                  | < 0,08                      | ng/kg fat | Q | R |
| 1,2,3,4,7,8-HxCDD.                | < 0,10                      | ng/kg fat | Q | R |
| 1,2,3,6,7,8-HxCDD.                | < 0,10                      | ng/kg fat | Q | R |
| 1,2,3,7,8,9-HxCDD.                | < 0,10                      | ng/kg fat | Q | R |
| 1,2,3,4,6,7,8-HpCDD.              | 0,25                        | ng/kg fat | Q | R |
| OCDD.                             | 4,2                         | ng/kg fat | Q | R |
| 2,3,7,8-TCDF.                     | < 0,08                      | ng/kg fat | Q | R |
| 1,2,3,7,8-PeCDF.                  | < 0,08                      | ng/kg fat | Q | R |
| 2,3,4,7,8-PeCDF.                  | < 0,08                      | ng/kg fat | Q | R |
| 1,2,3,4,7,8-HxCDF.                | < 0,10                      | ng/kg fat | Q | R |
| 1,2,3,6,7,8-HxCDF.                | < 0,10                      | ng/kg fat | Q | R |
| 1,2,3,7,8,9-HxCDF.                | < 0,10                      | ng/kg fat | Q | R |
| 2,3,4,6,7,8-HxCDF.                | < 0,10                      | ng/kg fat | Q | R |
| 1,2,3,4,6,7,8-HpCDF.              | < 0,30                      | ng/kg fat | Q | R |
| 1,2,3,4,7,8,9-HpCDF.              | < 0,30                      | ng/kg fat | Q | R |
| OCDF.                             | < 4,0                       | ng/kg fat | Q | R |
| WHO (PCDD/PCDF); Medium bou       | 0,14                        | ng/kg TEQ | Q | R |
| WHO-PCDD/F-PCB; Medium boun       | 0,27                        | ng/kg TEQ | Q | R |
| WHO-PCDD/F-PCB Lower bound        | 0,00                        | ng/kg TEQ | Q | R |
| WHO (PCDD/PCDF); Lower bound      | 0,004                       | ng/kg TEQ | Q | R |
| <b>Poly Chlorinated Biphenyls</b> |                             |           |   |   |
| <b>Parameter</b>                  | <b>Result (as received)</b> |           |   |   |
| PCB 28                            | < 0,50                      | µg/kg     | Q | R |
| PCB 52                            | < 0,50                      | µg/kg     | Q | R |
| PCB 101                           | < 0,50                      | µg/kg     | Q | R |
| PCB 138                           | < 0,50                      | µg/kg     | Q | R |
| PCB 153                           | < 0,50                      | µg/kg     | Q | R |
| PCB 180                           | < 0,50                      | µg/kg     | Q | R |

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Q - Analyses ISO 17025 accredited by RvA (ILAC)  
R - Carried out by TLR International Laboratories, location Ridderkerk

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### ANNEX

#### Method Descriptions

#### Composition Determination

##### Metal and other elements

##### Method Description

Determination of arsenic (As), Cadmium (Cd), Lead (Pb); ICP-MS;  
\*\*\*Foodstuffs:destruction Acc. NEN-EN 13805,Analysis Acc NEN-EN-15763

Determination of Mercury (Hg); Hg-analyser

Animalfeed/feedingstuff : eq. NEN-EN16277 Food : eq. NEN-EN15763

##### Method Code

Own method\*\*\*

#### Contaminations

##### EFSA/TEF- calculation with moisture content 1

##### Method Description

Calculation feed of Toxic Equivalency Factors for dioxins and dioxinlike PCB's [NEN-EN-16215]

##### Method Code

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##### EFSA/TEF- calculation wet weight

##### Method Description

Calculation food of Toxic Equivalency Factors for dioxins and dioxinlike PCB's [NEN-EN-16215]

##### Method Code

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Determination of dioxines and dioxinlike PCB's in food and animal feedings stuff  
NEN-EN 16215 and (EU) 2017/771

Acc.NEN-EN 16215

#### Dioxins

##### Method Description

Determination of dioxines and dioxinlike PCB's in food and animal feedings stuff  
NEN-EN 16215 and (EU) 2017/644

##### Method Code

Eq.NEN-EN 16215

The mediumbound conc: For the calculation of the total TEQ, the values lower than LOQ, were regarded as the value of half of LOQ

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The lowerbound conc: For the calculation of the TEQ, the values lower than LOQ, were regarded as zero.

#### Poly Chlorinated Biphenyls

##### Method Description

Determination of the content of PCBs; GC/MS method

##### Method Code

Own method

#### Abbreviations:

acc: in accordance with

eq: Equivalent to

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