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**ROTTERDAM** 

LIMA

# **Analytical Report**

### **Control Union Turkey**

Attn: Mrs. B. Novin

Tatlisu Mah. Pakdil Sk. No:9 PK:34774 Ümraniye ISTANBUL

Turkey

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

Sample information \*

Seller Unloader : Prometa Product specification : Acid oil for feed Origin : Turkev : 150959518 AWB / BarCode

\* 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
Pb (Lead)	< 0,050 mg/kg
As (Arsenic)	< 0,040 mg/kg
Ha (Mercury)	< 0.005 ma/ka

### Contaminations

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

Pa	arameter Result (	(as received)					
W	HO (PCDD/PCDF) -TEQ/kg (88	< 0,260	ng/kg 88% dm	max 0,75 ng/kg as per 2002/32			
W	HO(PCDD/F/PCB) TEQ/kg88%d	< 0,550	ng/kg 88% dm	max 1,5 ng/kg as per 2002/32			
W	'HO (PCB)-TEQ/kg (88%dm).	< 0,246	ng/kg 88% dm	For assement of EU limits feed			
Sı	um ndl-PCB's (ICES-6) Up.bound	3,0	μg/kg		15		

< 0,10

## EFSA/TEF- calculation wet weight

Moisture tbv Dioxines.

Parameter I	Result (as re	ceived)	1	
WHO (PCDD/PCDF); Upper be	ound	0,28	ng/kg TEQ	
WHO-PCDD/F-PCB- Up.bound	d	0,539	ng/kg TEQ	
WHO (PCB) upperbound.		0,264	ng/kg TEQ	

### Dioxins, dl PCBs, ndl PCBs

Parameter	Result (as re	ceived)	Y N
PCB-77.	. / /-	< 2,0	ng/kg fat
PCB-81.	la f	< 2,0	ng/kg fat
PCB-126.		< 2,0	ng/kg fat
PCB-169		< 2,0	ng/kg fat
PCB-105.	<	10	ng/kg fat
PCB-114.	<	20	ng/kg fat
PCB-118.	<	20	ng/kg fat
PCB-123.	<	10	ng/kg fat
PCB-156.	<	10	ng/kg fat
PCB-157.	<	10	ng/kg fat

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Page 1 of 4

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Reportnr. Sample Arrival Date ReportDate Version Packing	: <b>1974582 version</b> : 07-May-2025 14:1 : <b>13-May-2025 15:</b> : Plastic, ambient	11		Sampling Date Samplesize (kg) Seal / Seal Code	*: 07-May-2025 : 0,591 : No /		
PCB-167.		< 10	ng/kg fat			Q	R
PCB-189.		< 10	ng/kg fat			Q	R
WHO (PCB); Med	liumbound	0,13	ng/kg TEQ			Q	R
WHO (PCB); Low		< 0,00	ng/kg TEQ			Q	R
Dioxins							
Parameter	Result (a	as received)					
2,3,7,8-TCDD.		< 0,08	ng/kg fat		No. 1. A	Q	R
1,2,3,7,8-PeCDD.		< 0,08	ng/kg fat	9009		Q	R
1,2,3,4,7,8-HxCDI	D	< 0,10	ng/kg fat			Q	R
1,2,3,6,7,8-HxCDI	D	< 0,10	ng/kg fat		M. 17M.	Q	R
1,2,3,7,8,9-HxCDI	D	< 0,10	ng/kg fat			Q	R
1,2,3,4,6,7,8-HpC	DD.	0,25	ng/kg fat		N. X.A. J.A.	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		. V . Z	Q	R
2,3,4,7,8-PeCDF.		< 0,08	ng/kg fat	15 A.A.		Q	R
1,2,3,4,7,8-HxCDI		< 0,10	ng/kg fat			Q	R
1,2,3,6,7,8-HxCDI	F. \	< 0,10	ng/kg fat			Q	R
1,2,3,7,8,9-HxCDI	En a file \	< 0,10	ng/kg fat			Q	R
2,3,4,6,7,8-HxCDI		< 0,10	ng/kg fat		14/1	Q	R
1,2,3,4,6,7,8-HpC	DF.	< 0,30	ng/kg fat		-//	Q	R
1,2,3,4,7,8,9-HpC	DF.	< 0,30	ng/kg fat			Q	R
OCDF.	411	< 4,0	ng/kg fat	X 1700 1		Q	R
WHO (PCDD/PCI	OF); Medium bou	0,14	ng/kg TEQ			Q	R
WHO-PCDD/F-PC	CB; Medium boun	0,27	ng/kg TEQ		The state of the s	Q	R
WHO-PCDD/F-PC	CB Lower bound	0,00	ng/kg TEQ	- / JAN   \		Q	R
WHO (PCDD/PCI	OF); Lower bound	0,004	ng/kg TEQ	X		Q	R
Poly Chlorinated E	Biphenyls	1/2/-					
Parameter	Result (a	as received)					
PCB 28	1 2:	< 0,50	μg/kg			Q	R
PCB 52		< 0,50	μg/kg		78.13%	Q	R
PCB 101		< 0,50	μg/kg			Q	R
PCB 138		< 0,50	μg/kg			Q	R
PCB 153		< 0,50	μg/kg	M. E.	701	Q	R
PCB 180		< 0,50	μg/kg			Q	R

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Page 2 of 4



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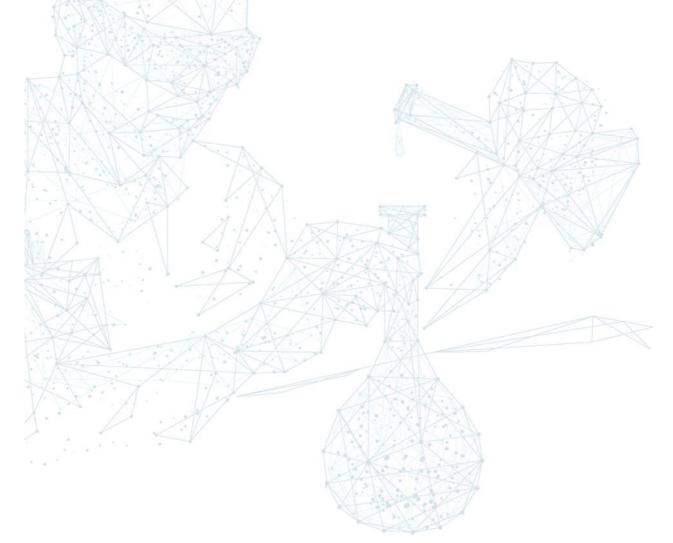
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Q - Analyses ISO 17025 accredited by RvA (ILAC) R - Carried out by TLR International Laboratories, location Ridderkerk



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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

#### 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]

# EFSA/TEF- calculation wet weight

## **Method Description**

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

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

#### Dioxins

#### **Method Description**

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

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

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

#### Abbreviations:

acc: in accordance with eq: Equivalent to

**Method Code** 

Own method\*\*

**Method Code** 

**Method Code** 

Acc.NEN-EN 16215

**Method Code** 

Eq.NEN-EN 16215

**Method Code** 

Own method

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Page 4 of 4