

• ROTTERDAM • LIMA •

Analytical Report

Control Union Turkey

Attn: Mrs. B. Noyin
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Turkey

Reportnr.	: 1944312 version 1	Sampling Date	*: 06-Feb-2025
Sample Arrival Date	: 06-Feb-2025 10:18	Samplesize (kg)	: 0,569
ReportDate Version	: 13-Feb-2025 12:50	Seal / Seal Code	: No /
Packing	: Plastic, ambient		

Sample information *

Seller Unloader	: Prometa	Product specification	: Acid Oil for feed
		Origin	: Turkey
		AWB / BarCode	: 380145631

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

Composition Determination

Metal and other elements

Parameter	Result (as received)		
Cd (Cadmium)	< 0,10 mg/kg		R
Pb (Lead)	< 1,00 mg/kg		R
As (Arsenic)	< 0,20 mg/kg		R
Hg (Mercury)	< 0,05 mg/kg		R

Contaminations

EFSA/TEF- calculation with moisture content 12%

Parameter	Result (as received)		
WHO (PCDD/PCDF) TEQ 88%dm.	0,242 ng/kg	max 0,75 ng/kg as per 2002/32	Q R
WHO (PCDD/F/PCB) TEQ 88%dm	0,476 ng/kg	max 1,25 ng/kg as per 2002/32	Q R
WHO (PCB)-TEQ 88%dm	0,234 ng/kg	For assesment of EU limits feed	Q R
Sum ndl-PCB's (ICES-6) Up.bound	3,2 µg/kg		Q R
Moisture tbv Dioxines.	< 0,10 %		R

EFSA/TEF- calculation wet weight

Parameter	Result (as received)		
WHO (PCDD/PCDF) Up.bound	0,27 ng/kg		Q R
WHO-PCB- TEQ Up.bound	0,27 ng/kg		Q R
WHO-PCDD/F-PCB- Up.bound	0,540 ng/kg		Q R

Dioxins, dl PCBs, ndl PCBs

Parameter	Result (as received)		
PCB-77	21,3 ng/kg		Q R
PCB-126	< 1,0 ng/kg		Q R
PCB-169	< 1,0 ng/kg		Q R
PCB-105	10 ng/kg		Q R
PCB-157	< 5 ng/kg		Q R
WHO (PCB-TEQ) Medium bound	0,13 ng/kg		Q R
WHO (PCB) Lower bound	0,00 ng/kg		Q R
PCB-81.	< 1,00 ng/kg		Q R
PCB-123.	< 5,00 ng/kg		Q R
PCB-118.	< 20,00 ng/kg		Q R

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PCB-114.	< 10,00	ng/kg	Q	R
PCB-167.	< 5,00	ng/kg	Q	R
PCB-156.	< 5,00	ng/kg	Q	R
PCB-189.	< 5,00	ng/kg	Q	R
Dioxins				
Parameter	Result (as received)			
1,2,3,4,6,7,8-HpCDD.	0,18	ng/kg	Q	R
OCDD.	< 2,00	ng/kg	Q	R
2,3,7,8-TCDF.	< 0,04	ng/kg	Q	R
1,2,3,7,8-PeCDF.	< 0,04	ng/kg	Q	R
2,3,4,6,7,8-HxCDF.	< 0,05	ng/kg	Q	R
2,3,7,8-TCDD	< 0,04	ng/kg	Q	R
1,2,3,7,8-PeCDD	< 0,04	ng/kg	Q	R
1,2,3,4,7,8-HxCDD	< 0,05	ng/kg	Q	R
1,2,3,6,7,8-HxCDD	< 0,05	ng/kg	Q	R
1,2,3,7,8,9-HxCDD	< 0,05	ng/kg	Q	R
2,3,4,7,8-PeCDF	< 0,04	ng/kg	Q	R
1,2,3,4,7,8-HxCDF	< 0,05	ng/kg	Q	R
1,2,3,6,7,8-HxCDF	< 0,05	ng/kg	Q	R
1,2,3,7,8,9-HxCDF	< 0,05	ng/kg	Q	R
1,2,3,4,6,7,8-HpCDF	< 0,15	ng/kg	Q	R
1,2,3,4,7,8,9-HpCDF	< 0,15	ng/kg	Q	R
OCDF	< 2,0	ng/kg	Q	R
WHO-PCDD/PCDF-TEQ Med.boun	0,14	ng/kg	Q	R
WHO (PCDD/PCDF) Low.bound	0,002	ng/kg	Q	R
WHO-PCDD/F-PCB-TEQ Med.bou	0,272	ng/kg	Q	R
WHO-PCDD/F-PCB-TEQ Low.bou	0,004	ng/kg	Q	R
Poly Chlorinated Biphenyls				
Parameter	Result (as received)			
PCB 28	0,7	µg/kg	Q	R
PCB 52	< 0,5	ug/kg	Q	R
PCB 101	< 0,50	ug/kg	Q	R
PCB 138	< 0,50	ug/kg	Q	R
PCB 153	< 0,50	ug/kg	Q	R
PCB 180	< 0,50	ug/kg	Q	R

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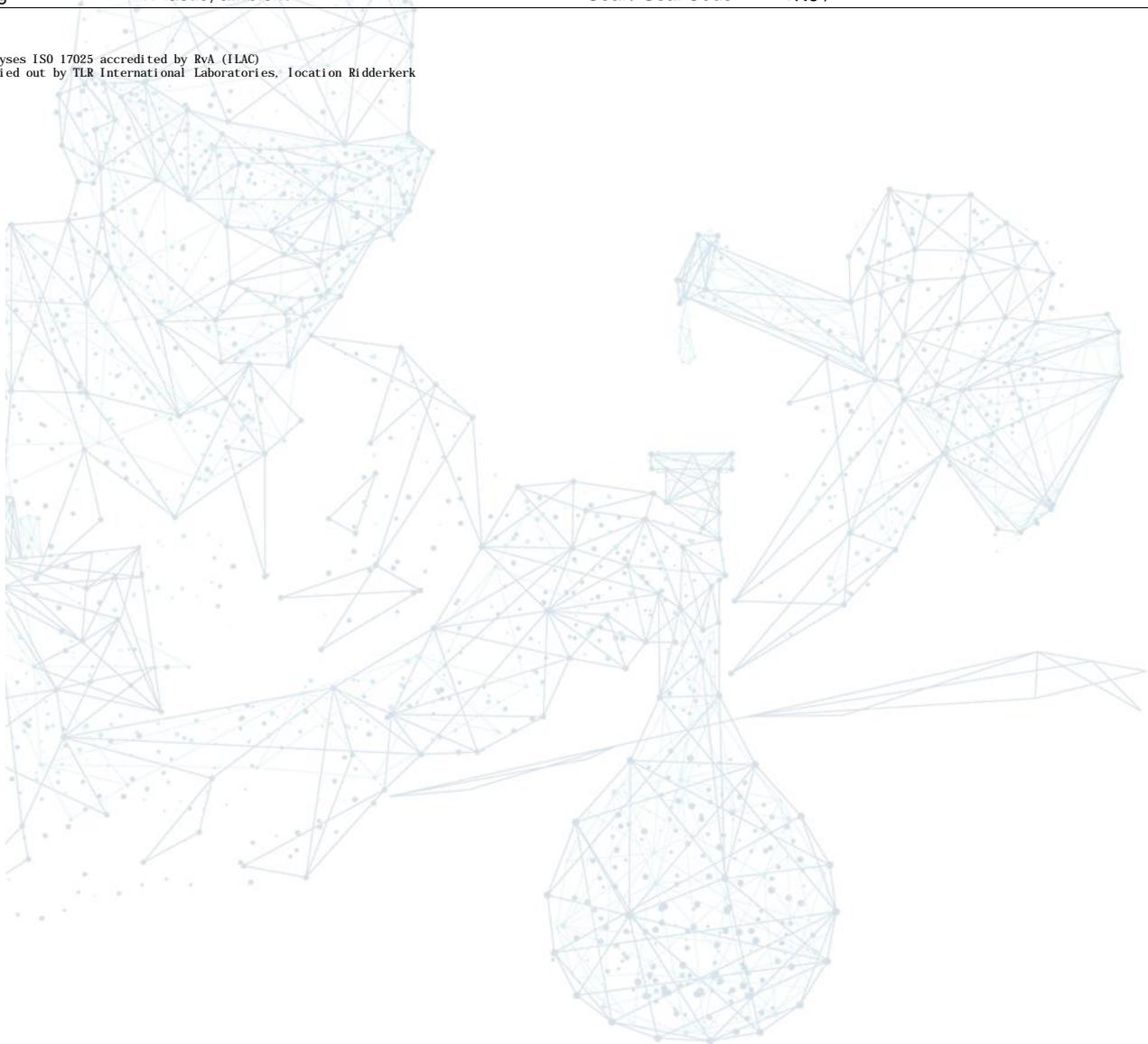
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Q - Analyses ISO 17025 accredited by RvA (ILAC)
R - Carried out by TLR International Laboratories, Location Ridderkerk



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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

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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Dioxins

Method Description

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

Method Code

Acc.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

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

Abbreviations:

acc: in accordance with

eq: Equivalent to