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ROTTERDAM

LIMA

Analytical Report

Control Union Turkey

Attn: Mrs. B. Noyin

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

Turkey

 Reportnr.
 : 1843652 version 1

 Sample Arrival Date
 : 09-Apr-2024 10:33
 Sampling Date
 *: 05-Apr-2024

 ReportDate Version
 : 11-Apr-2024 18:00
 Samplesize (kg)
 : 0,855

 Packing
 : Plastic, ambient
 Seal / Seal Code
 : No /

Sample information *

Seller Unloader : Prometa : Acid oil for feed

Origin : Turkey AWB / BarCode : 127475643

max 0,75 ng/kg as per 2002/32

max 1,25 ng/kg as per 2002/32

For assement of EU limits feed

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

Composition Determination

Metal and other eleme	nts		
Parameter	neter Result (as received)		
Cd (Cadmium)	< 0,10 mg/kg		
Pb (Lead)	< 1,00 mg/kg		
As (Arsenic)	< 0,20 mg/kg		
Ha (Mercury)	< 0.05 mg/kg		

Contaminations

EFSA/TEF- calculation with moisture content 12%

Parameter Resul	t (as received)	A- 7	
WHO (PCDD/PCDF) TEQ 88%dm.	0,242	ng/kg	
WHO (PCDD/F/PCB) TEQ 88%dm	0,479	ng/kg	
WHO (PCB)-TEQ 88%dm	0,236	ng/kg	
Sum ndl-PCB's (ICES-6) Up.bound	3,0	μg/kg	
Moisture tbv Dioxines.	< 0,10	%	

EFSA/TEF- calculation wet weight

Parameter	Result (as received)
WHO (PCDD/PCDF) Up.bour	nd 0,27 ng/kg
WHO-PCB- TEQ Up.bound	0,27 ng/kg
WHO-PCDD/F-PCB- Up.bour	nd 0,543 ng/kg

Dioxins, dl PCBs, ndl PCBs

Parameter	Result (as receive	ed)
PCB-77	8,2	ng/kg
PCB-126	< 1,0	ng/kg
PCB-169	< 1,0	ng/kg
PCB-105	56	ng/kg
PCB-157	< 5	ng/kg
WHO (PCB-TEQ) Medium b	ound 0,14	l ng/kg
WHO (PCB) Lower bound	0,01	l ng/kg
PCB-81.	< 1,00	ng/kg
PCB-123.	< 5,00	ng/kg
PCB-118.	109	ng/kg

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Analyses according to annex
P.W. Platteschor, Managing Director TLR International Laboratories

Page 1 of 4



TESTING F RVA L 059



ROTTERDAM

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Analytical Report

Reportnr. Sample Arrival Date ReportDate Version Packing	: 1843652 version 1 : 09-Apr-2024 10:33 : 11-Apr-2024 18:00 : Plastic, ambient	À	Sampling Date Samplesize (kg) Seal / Seal Code	*: 05-Apr-2024 : 0,855 : No /		
PCB-114.	< 10	00 ng/kg			Q	R
PCB-167.	< 5	00 ng/kg			Q	F
PCB-156.	< 5	00 ng/kg			Q	F
PCB-189.	< 5	00 ng/kg			Q	F
Dioxins		1				
Parameter	Result (as rece	ved)				
1,2,3,4,6,7,8-HpCD	D. 0	20 ng/kg			Q	F
OCDD.	< 2	00 ng/kg	107		Q	F
2,3,7,8-TCDF.	< 0	04 ng/kg			Q	F
1,2,3,7,8-PeCDF.	< 0	04 ng/kg		AT. AVA.	Q	F
2,3,4,6,7,8-HxCDF.	< 0	05 ng/kg			Q	F
2,3,7,8-TCDD	< 0	04 ng/kg		VI XIA JOSEPH AND	Q	F
1,2,3,7,8-PeCDD	< 0	04 ng/kg			Q	F
1,2,3,4,7,8-HxCDD	< 0	05 ng/kg			Q	F
1,2,3,6,7,8-HxCDD	< 0	05 ng/kg		. V . X . X . X . X . X . X . X . X . X	Q	F
1,2,3,7,8,9-HxCDD	< 0	05 ng/kg	KAM		Q	F
2,3,4,7,8-PeCDF	< 0	04 ng/kg			Q	F
1,2,3,4,7,8-HxCDF	< 0	05 ng/kg			Q	F
1,2,3,6,7,8-HxCDF	< 0				Q	F
1,2,3,7,8,9-HxCDF	< 0	05 ng/kg	ALX A		Q	F
1,2,3,4,6,7,8-HpCD	F < 0	15 ng/kg		-//	Q	F
1,2,3,4,7,8,9-HpCD	F < 0	15 ng/kg			Q	F
OCDF	< 2	0 ng/kg	XX 7780 /		Q	F
WHO-PCDD/PCDF	-TEQ Med.boun 0	14 ng/kg			Q	F
WHO (PCDD/PCDI	F) Low.bound 0	002 ng/kg			Q	F
WHO-PCDD/F-PCE	3-TEQ Med.bou 0	276 ng/kg			Q	F
WHO-PCDD/F-PCE	3-TEQ Low.bou 0	008 ng/kg	AXX C		Q	F
Poly Chlorinated Bi	phenyls	1				
Parameter	Result (as rece	ved)				
PCB 28	< 0	5 μg/kg	/X : X : X : X : X : X : X : X : X : X :	2.10.77	Q	F
PCB 52	< 0	5 ug/kg		7: 1:3	Q	F
PCB 101	< 0	50 ug/kg			Q	F
PCB 138	< 0	50 ug/kg			Q	F
PCB 153	< 0			701	Q	F
PCB 180	< 0		1979		Q	F

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Page 2 of 4



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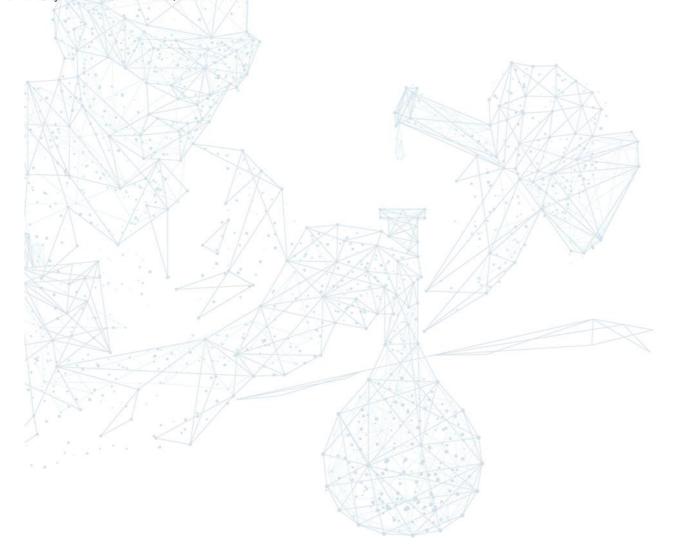
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Page 3 of 4



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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-162151

Dioxins

Method Description

Determination of dioxines and dioxinlike PCB's in food and animal feedings stuff

According to NEN-EN 16215 and EC771/2017

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

Method Code

Own method*

Method Code

Method Code

Method Code

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Page 4 of 4