



European Union Reference Laboratory  
for Halogenated POPs in Feed and Food



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**CERTIFICATE OF PARTICIPATION**

This is to certify that

**LUFA-ITL GmbH**

(Germany)

Laboratory Code: 57

has participated in

**EURL Proficiency Test on Determination of  
PCDD/Fs, PCBs, PBDEs and HBCDDs in Soybean Meal 2018**

*EURL-PT-DPB\_1801-SB*

**February - April 2018**

reporting the following analytes:  
(applying physico-chemical methods)

	PCDD/Fs	DL-PCBs	Indicator PCBs	PBDEs	HBCDDs
Soybean meal (1801-SB)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Z-scores for sum parameters and individual congeners, scoring system**

Analytes	Soybean meal (1801-SB)	Assigned value <small>[ng/kg, µg/kg, 12%moisture content]</small>	Z-score
<b>PCDD/Fs, PCBs</b>	WHO-PCDD/F-PCB-TEQ	-	
	WHO-PCDD/F-TEQ	-	
	WHO-PCB-TEQ	0.392	<b>-0.1</b>
	Sum Indicator PCBs	14.7	<b>-0.6</b>
<b>PBDEs</b>	BDE-28	0.0145	
	BDE-47	1.47	
	BDE-99	2.02	
	BDE-100	0.412	
	BDE-153	0.227	
	BDE-154	0.166	
	BDE-183	0.349	
	BDE-209	5.01	
<b>HBCDDs</b>	α-HBCDD, β-HBCDD, γ-HBCDD	no assigned values	
<b>Positive scoring system</b>	Successful participation		
<b>PCDD/Fs, PCBs</b>	<b>yes</b>		

Assigned values for WHO-PCB-TEQ and sum indicator PCBs in the range of 0.5 to 4 times of the level of interest.

All results of this PT are available in the corresponding report (EURL-PT-DPB\_1801-SB) of 26<sup>th</sup> of July 2018.

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