

# CERTIFICATE OF PARTICIPATION

This is to certify that the following institution

**Directorate for NRLs - Serbia, Belgrade**

Belgrade, Serbia

participated in proficiency test

**EUPT-CF16**

(Lab Code: 150)

**European Union Proficiency Test on Incurred and Spiked Pesticide Residues in Barley**

March 2022

This laboratory analysed for **91** % of the mandatory compounds (**153** out of 169 and **24** out of 53 voluntary compounds).

Additionally, the laboratory detected and quantified **87** % of the mandatory compounds in the Test Item.

Accordingly, the laboratory achieved the following qualification:

Category **A** AZ<sup>2</sup>: **0.6 Good**



**Mette Erecius Poulsen**

(Head of EURL-CF)

## EUPT-CF16: Proficiency Test on Incurred and Spiked Pesticide Residues in Barley

### General Information:

Organizer: European Union Reference Laboratory on Cereals and Feedingstuff (EURL-CF), DTU National Food Institute, Denmark  
 Test Material: Barley Kernels with Incurred and Spiked Pesticide Residues (see below)  
 Participating lab: **Directorate for NRLs - Serbia, Belgrade, Belgrade, Serbia**  
 Lab-Code: **150**

**Reported results:** (The detailed laboratory performance is documented in the final report)

Analytes	Assigned value, mg/kg	Your results, mg/kg	Your z-scores	Classification	Total No. of results *)	Acceptable results  z-score  ≤ 2 *)	Questionable results 2 <  z-score  < 3 *)	Unacceptable results  z-score  ≥ 3 *)
Aclonifen	0.046				97	86%	3%	11%
Azoxystrobin	1.04	<b>1.283</b>	<b>0.9</b>	<b>Acceptable</b>	139	95%	4%	1%
Boscalid	1.88	<b>2.359</b>	<b>1.0</b>	<b>Acceptable</b>	135	93%	4%	3%
Dieldrin	0.023				140	86%	2%	11%
Endosulfan-beta	0.034	<b>0.038</b>	<b>0.5</b>	<b>Acceptable</b>	143	93%	1%	6%
Fenpropathrin	0.084	<b>0.091</b>	<b>0.3</b>	<b>Acceptable</b>	127	92%	3%	5%
Fluopyram	1.40	<b>1.699</b>	<b>0.8</b>	<b>Acceptable</b>	132	91%	5%	5%
Fluxapyroxad	0.774	<b>0.912</b>	<b>0.7</b>	<b>Acceptable</b>	122	93%	4%	3%
Lambda-cyhalothrin	0.061	<b>0.068</b>	<b>0.5</b>	<b>Acceptable</b>	136	87%	8%	5%
Lindane	0.031	<b>0.042</b>	<b>1.3</b>	<b>Acceptable</b>	139	89%	4%	7%
Metconazole	0.035	<b>0.04</b>	<b>0.6</b>	<b>Acceptable</b>	125	82%	3%	14%
Proquinazid	0.225	<b>0.237</b>	<b>0.2</b>	<b>Acceptable</b>	112	91%	7%	2%
Prothioconazole-desthio	1.37	<b>1.54</b>	<b>0.5</b>	<b>Acceptable</b>	122	88%	4%	8%
Pyraclostrobin	4.40	<b>5.547</b>	<b>1.0</b>	<b>Acceptable</b>	126	93%	6%	2%
Tau-Fluvalinate	0.269	<b>0.321</b>	<b>0.8</b>	<b>Acceptable</b>	131	91%	5%	5%
Benzovindiflupyr**) )	0.718	<sup>NB</sup>			67	91%	3%	6%
Fenpicoxamid**) )	0.04				48	73%	4%	23%
Mefentrifluconazole**) )	0.722				50	78%	8%	14%

\*) EU and EFTA countries. \*\*) Voluntary compound. <sup>NB</sup> Corrected data.  
 This lab reported 0 false positive result(s) .