EURLs for Residues of Pesticides

News from EURL DataPool

Sample Types, Contact Persons & Pesticide Scope

www.eurl-pesticides-datapool.eu





EU Reference Laboratories for Residues of Pesticides

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Welcome to EURL DataPool!

The **EURL DataPool website** has been created by the **EU Reference Laboratories (EURLs) for Residues of Pesticides** with the aim to provide pesticide residue analysts with a convenient and efficient access to information needed for proper decision-making in pesticide residue analysis.

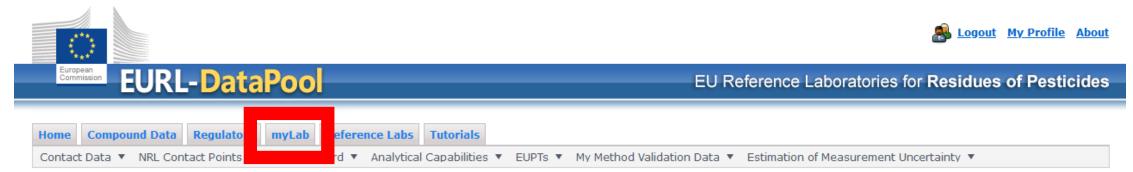
The EURL DataPool website currently offers the following databases/views allowing systematic collection and online retrieval of pesticide-related data:

- Pesticide Compound DB
- · Method Validation DB
- Lab Network DB (only accessible to members of the official EU-lab network)
- MRL Residue Definitions (issued by EU and Codex Alimentarius)
- Stability of Compounds in Solution
- · List of Physicochemical Data
- My EUPT Results (EUPT data extracted from the EUPT Archive DB)
- Online-Tool for Estimation of Measurement Uncertainty based EUPT-results and method validation data (only accessible to NRL members)

Call for data submission: Numerous validation/pesticide stability experiments are being performed by various laboratories around the world. Nevertheless, there has traditionally been a lack of coordination in bringing this data together to allow overall data processing and assessment. This project aims to close this gap. **We thus greatly welcome and encourage any contributions**.

- If you would like to submit your method validation results, please take a look under Submission of Method Validation Results.
- If you would like to submit your results of pesticide stability experiments, please download our template for data submission: Submission of Compound Stability Data.

www.eurl-pesticides-datapool.eu | myLab



Welcome to myLab area.

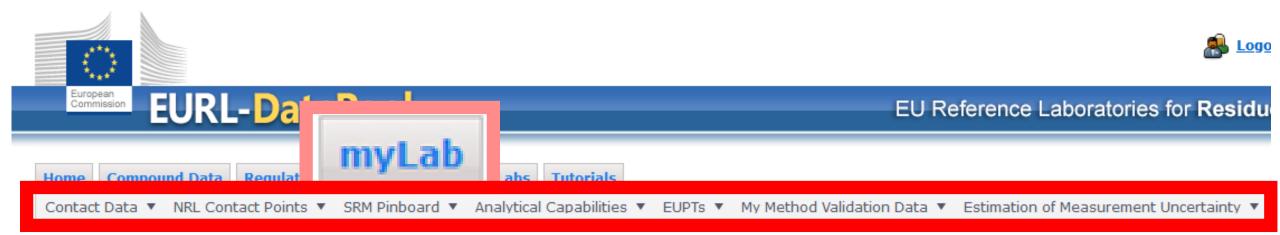
You're logged in with user ID José Mourinho

Below you find a list of those lab employees which are registered in EURL DataPool and which are assigned to your laboratory. The sample types for which the lab employees act as contact persons are listed in column "Person for Sample Type(s)". To update this information click on "Contact Data" and "Contact Persons – Sample Types" in the navigation bar. The lab employee which acts as contact point in case of surveys is marked as "Survey Contact Person".

Please check this list carefully and contact the administrator, if you want to update or correct the information: Email to administrator.

Lab Employee	Email	Contact Person for Sample Type(s)	Survey Contact Pers	
Messi, Lionel	Lionel.Messi@mail.gov.eu	Baby food; Cereals; Food of animal origin (exc. honey); Food of high fat content (non animal origin); FV; Honey	No	^
Mbappé, Kylian	Kylian.Mbappé@mail.gov.eu	Baby food; Cereals; Food of animal origin (exc. honey); Food of high fat content (non animal origin); FV; Honey; Spices, tea and similar matrices	Yes	
Ronaldo, Cristiano	Cristiano.Ronaldo@mail.gov.eu		No	
Kane, Harry	Harry.Kane@mail.gov.eu	Baby food; Cereals; Food of animal origin (exc. honey); Food of high fat content (non animal origin); FV; Honey	No	~
1			1 - 8 of 8 items	

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Welcome to myLab area.

You're logged in with user IDJosé Mourinho

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Lab Employee	Email	Contact Person for Sample Type(s)	Surve
Messi, Lionel	Lionel.Messi@mail.gov.eu	Baby food; Cereals; Food of animal origin (exc. honey); Food of high fat content (non animal origin); FV; Honey	No
Mbappé, Kylian	Kylian.Mbappé@mail.gov.eu	Baby food; Cereals; Food of animal	

myLab – Please data keep updated! | Lab Employees



Welcome to myLab area.

Please keep the list of lab employees updated!

Please check this list carefully and contact the administrator, if you want to update or correct the information: Email to administrator.

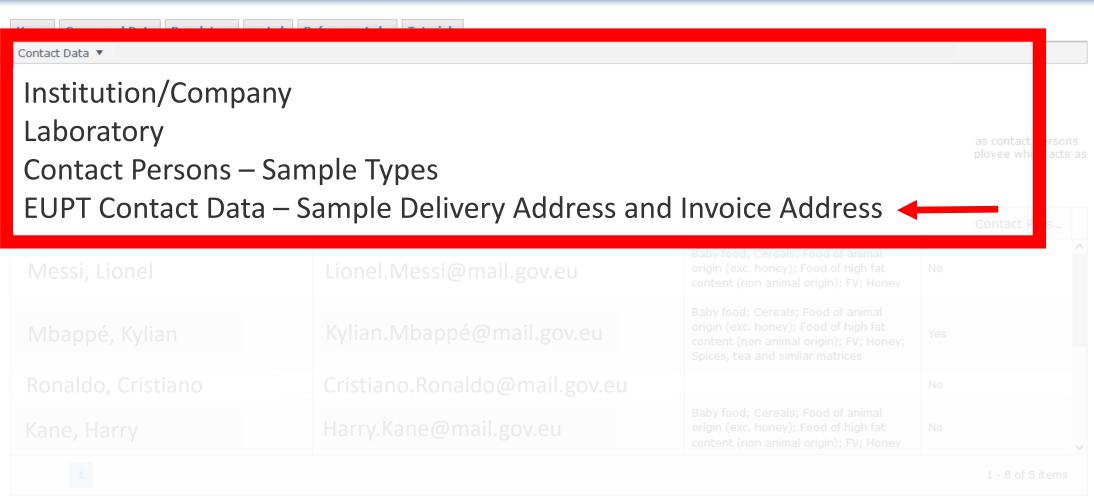
Lab Employee	Email	Contact Person for Sample Type(s)	Survey Contact Pers
Messi, Lionel	Lionel.Messi@mail.gov.eu	Baby food; Cereals; Food of animal origin (exc. honey); Food of high fat content (non animal origin); FV; Honey	No
Mbappé, Kylian	pé, Kylian Kylian.Mbappé@mail.gov.eu		Yes
Ronaldo, Cristiano	Cristiano.Ronaldo@mail.gov.eu		No
Kane, Harry	Harry.Kane@mail.gov.eu	Baby food; Cereals; Food of animal origin (exc. honey); Food of high fat content (non animal origin); FV; Honey	No

myLab – Please data keep updated! | Contact Data





EU Reference Laboratories for Residues of Pesticides

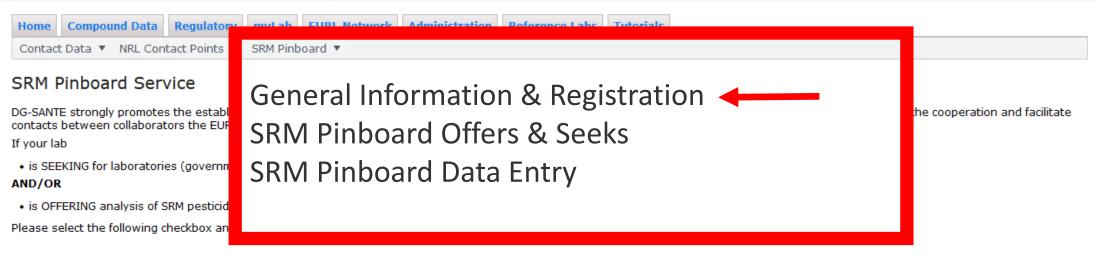


myLab | SRM Pinboard Service





EU Reference Laboratories for Residues of Pesticides



(To sign out your lab from the SRM Pinboard Service, de-select the checkbox and save.)

General Information

The main aim of SRM Pinboard is to increasingly exploit existing synergy potentials and to assist MSs, the OfLs of which currently lack the capacity to introduce and run certain SRM-methods, in their efforts to keep up with the requirements of the multi-annual control programs.

This cooperation may follow different approaches, e.g.:

- SUBCONTRACTING: OfLs or MSs may subcontract selected laboratories (governmental or commercial) to analyse for SRM-pesticides
- MUTUAL SUBCONTRACTING: OfLs or MSs may establish mutual subcontracting agreements, dividing analytical tasks and labour among them. If carried out in a balanced way, such cooperation could even be accomplished without financial transactions among the parties.

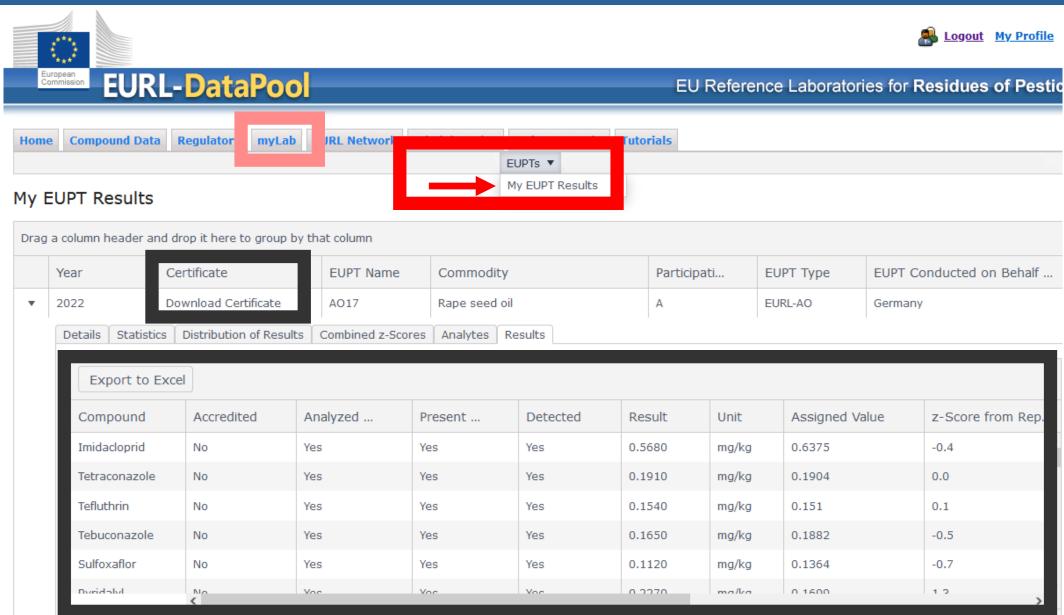
How to join the SRM Pinboard Service, update the information and/or how to opt-out from it?

To join the SRM Pinboard Service, select the checkbox above and click the Save-button, then go to "SRM Pinboard" / "SRM Pinboard Data Entry" and fill-in the tables "Analytical service your lab OFFERS" and/or "Analytical service your lab SEEKS". The information in these tables can be updated by any lab employee at any time.

Go to "SRM Pinboard" / "SRM Pinboard Offers & Seeks" to see if the analytical services for SRM pesticides your lab is seeking/offering correlates with the analytical services OTHER laboratories are offering/seeking.

To sign out your laboratory of the SRM Pinboard Service, de-select the checkbox above and click the Save-button.

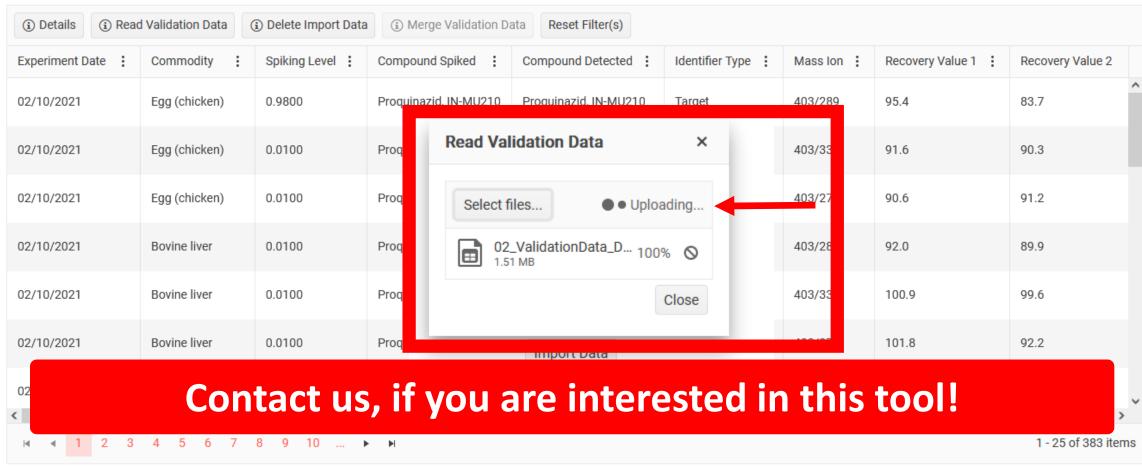
myLab | My EUPT Results



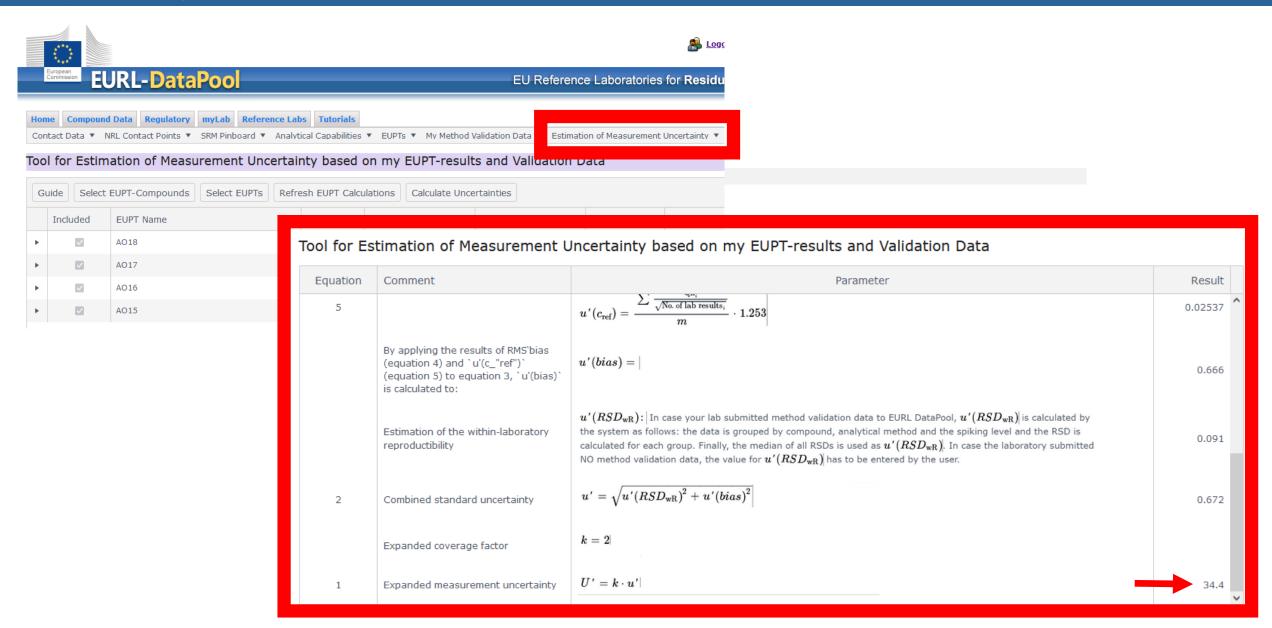
myLab | Validation Data Import-Tool



Validation Data Import



myLab Estimation of MU based on EUPT-results & Validation Data





Please check this list carefully and contact the administrator, if you want to update or correct the information: Email to administrator,

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will be online end of July '24

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Lab Info — Details: Sample Types, Contact Persons, Pesticide Scope & Check Your Scope

Use the "Edit"-buttons to add, update or delete contact persons and/or pesticides analyzed for those sample types that are within the framework of your official controls. Click on the "Details"-button for more information.

(i) Details	Reset Filter(s)	Add Sample Type								
		Analyzed Sample	Types			Co	ntact Persons	Pesticide Scope		# of P
Actions	Sample Type 🔻	Control Program/Activity	Analyzing on Behalf of	Activity Status 🔻	F	Edit	# of Contacts	Edit	In Official Samples	With
	Baby food	Official Control Program (MACP; national; regional)	Germany	Active			5		651	^
	Cereals	1793-Activity	Germany	Active			5		715	
	Food of animal origin (exc. honey)	Official Control Program (MACP; national; regional)	Germany	Active			5		139	
	Food of high fat content (non animal origin)	Official Control Program (MACP; national; regional)	Germany	Active			5		651	
	FV	Official Control Program (MACP; national; regional)	Germany	Active			5		719	~
<										>
									Analyzed : 789	

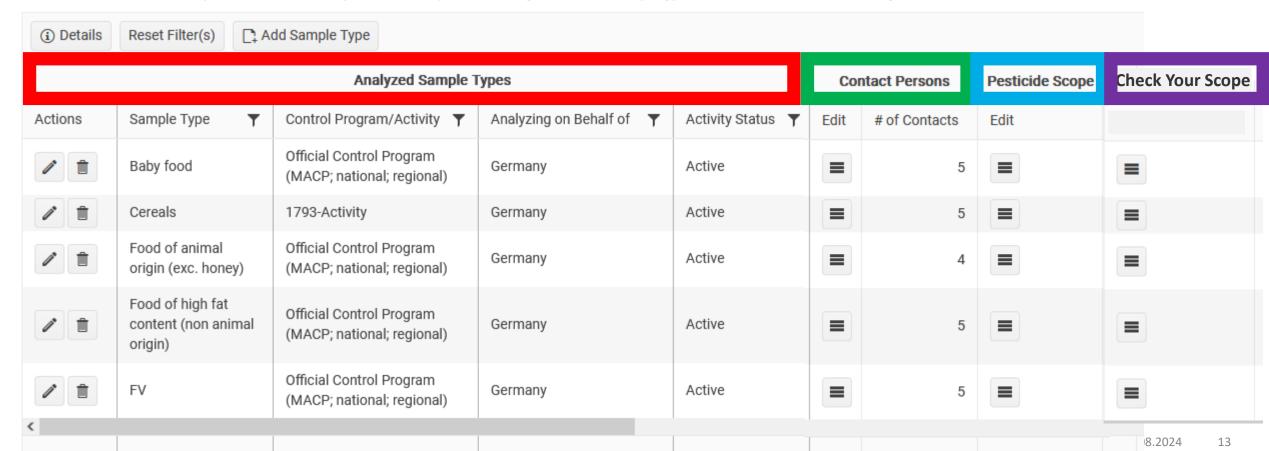
EURL DataPool

will be online end of July '24

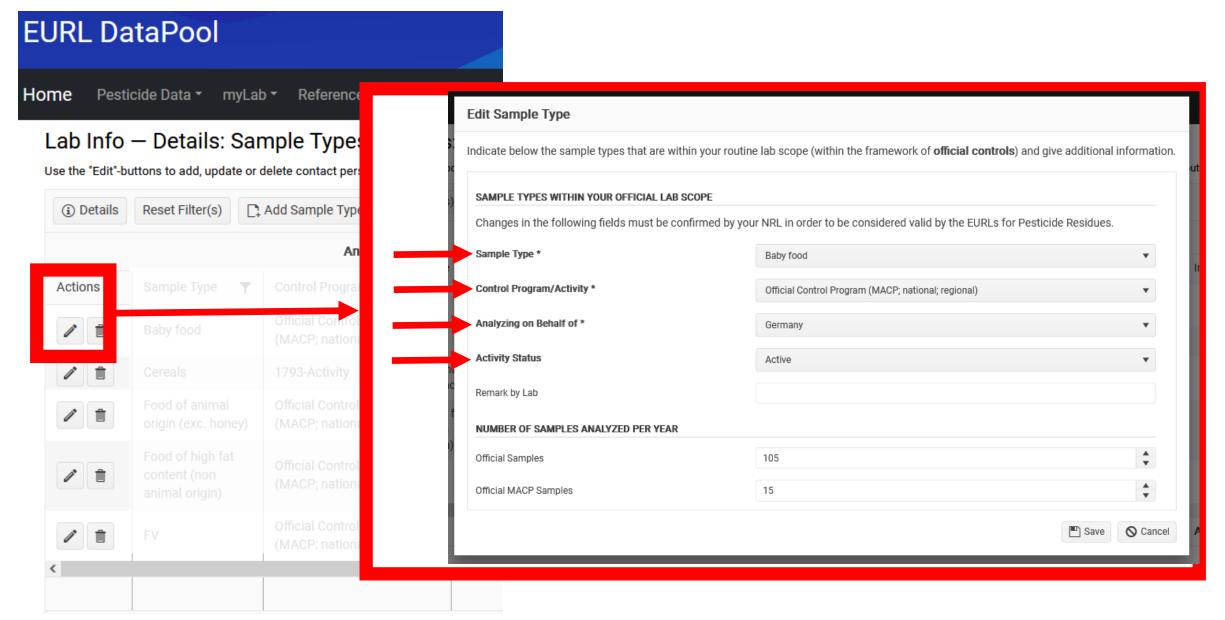
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Lab Info — Details: Sample Types, Contact Persons & Pesticide Scope

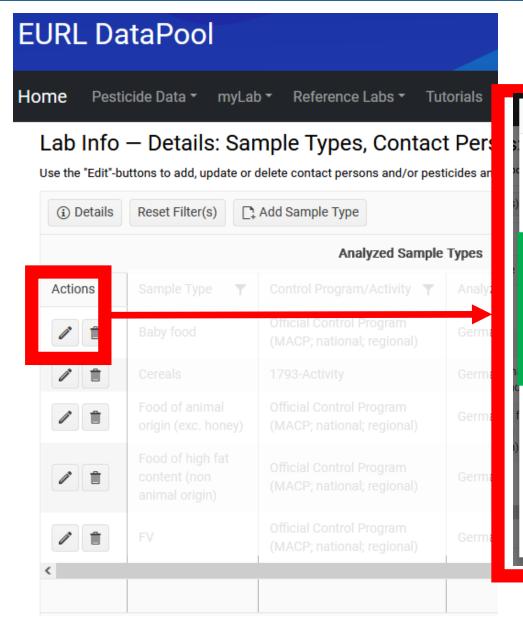
Use the "Edit"-buttons to add, update or delete contact persons and/or pesticides analyzed for those sample types that are within the framework of your official controls. Click on the "Details"-I

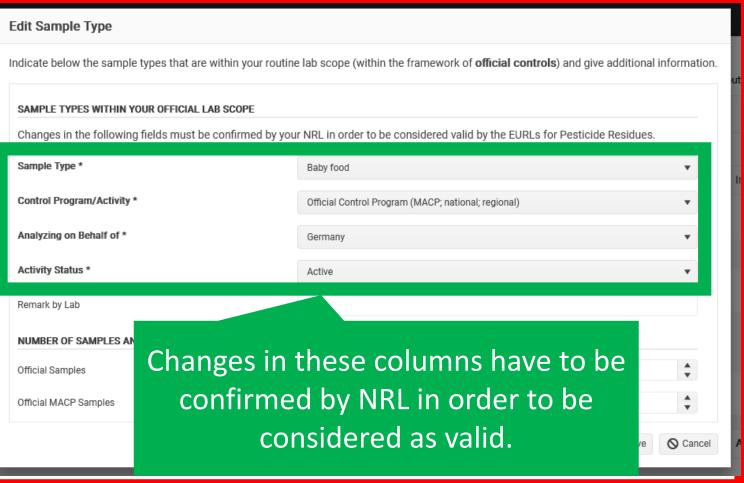


Lab Info - Details | Analyzed Sample Types

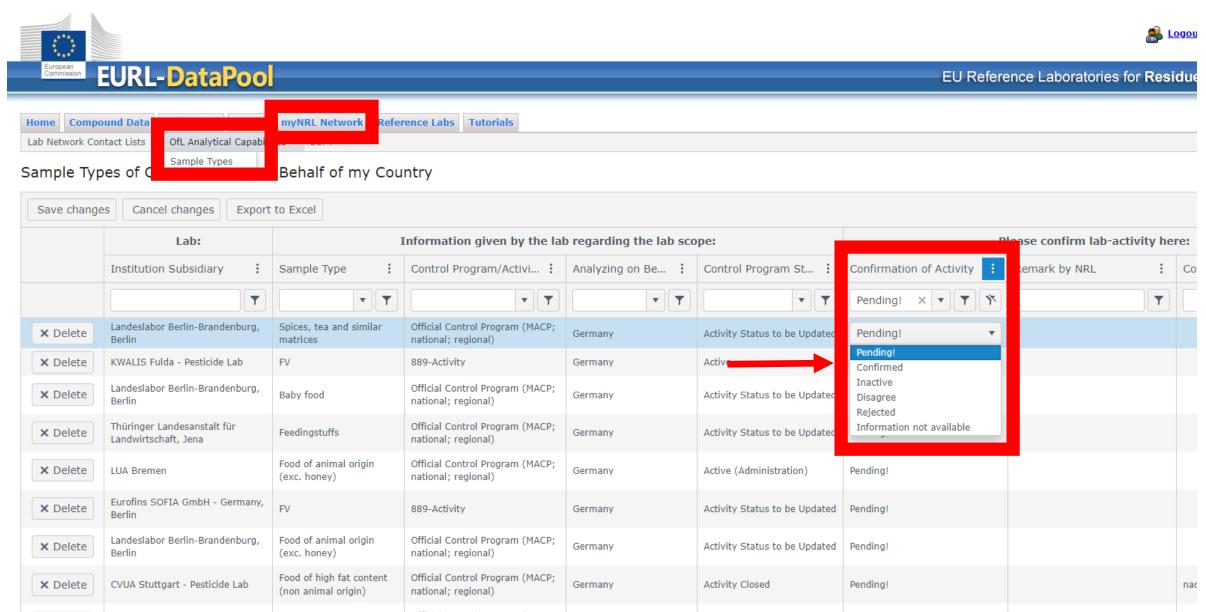


Lab Info - Details | Analyzed Sample Types





myNRL Network | Confirmation of Lab Activity



Lab Info - Details | Analyzed Sample Types

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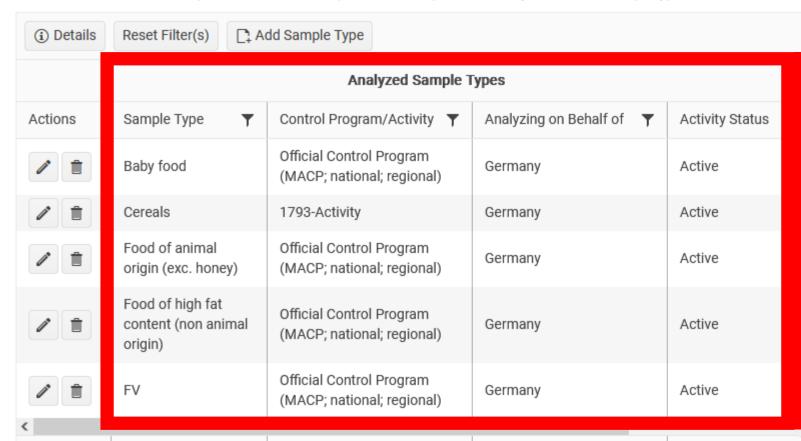
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Lab Info — Details: Sample Types, Contact Persons & Pesticide Scope

Use the "Edit"-buttons to add, update or delete contact persons and/or pesticides analyzed for those sample types that are within the framework of your official controls. Click on the "Details"-I



in November 2024:

Request to update the OFFICIAL LAB SAMPLE SCOPE

Updated information will be used to derive the **list of labs that are obliged** to participate in EUPTs in 2025.

8.2024

17

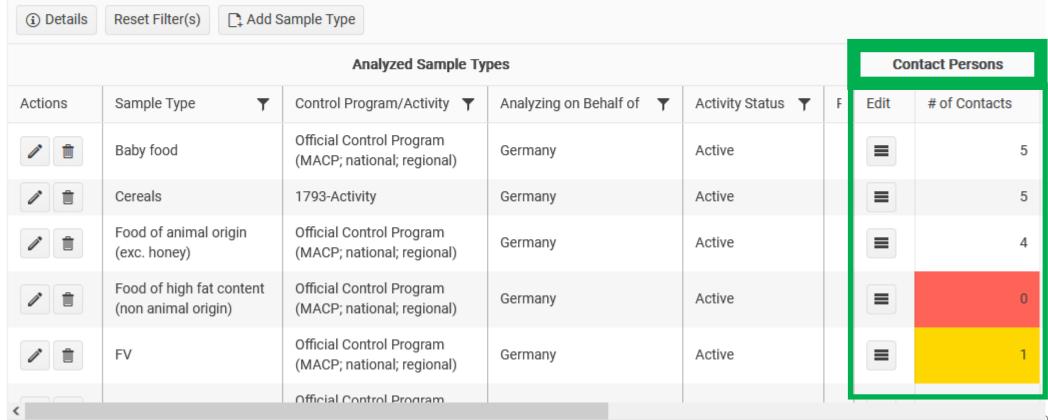
Lab Info - Details | Contact Persons

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Lab Info — Details: Sample Types, Contact Persons & Pesticide Scope

Use the "Edit"-buttons to add, update or delete contact persons and/or pesticides analyzed for those sample types that are within the framework of your official controls. Click or



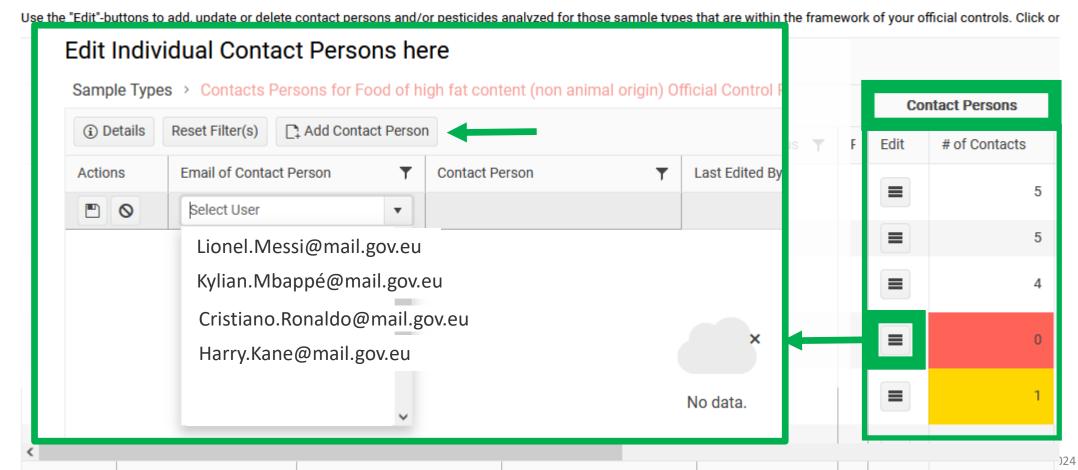
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Lab Info - Details | Contact Persons

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Lab Info — Details: Sample Types, Contact Persons & Pesticide Scope



Lab Info - Details | Pesticide Scope

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Lab Info — Details: Sample Types, Contact Persons & Pesticide Scope

Use the "Edit"-buttons to add, update or delete contact persons and/or pesticides analyzed for those sample types that are within the framework of your official controls. Click on the "Details"-I

		Analyzed Sample 1	Гуреѕ		Coi	ntact Persons	Pesticide Scope
Actions	Sample Type	Control Program/Activity	Analyzing on Behalf of	Activity Status 🔻	Edit	# of Contacts	Edit
	Baby food	Official Control Program (MACP; national; regional)	Germany	Active		5	
	Cereals	1793-Activity	Germany	Active		5	
	Food of animal origin (exc. honey)	Official Control Program (MACP; national; regional)	Germany	Active		4	
	Food of high fat content (non animal origin)	Official Control Program (MACP; national; regional)	Germany	Active		5	
	FV	Official Control Program (MACP; national; regional)	Germany	Active		5	

2 2024

Pesticide Scope | Edit Individual Pesticides

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Edit Individual Pesticides here

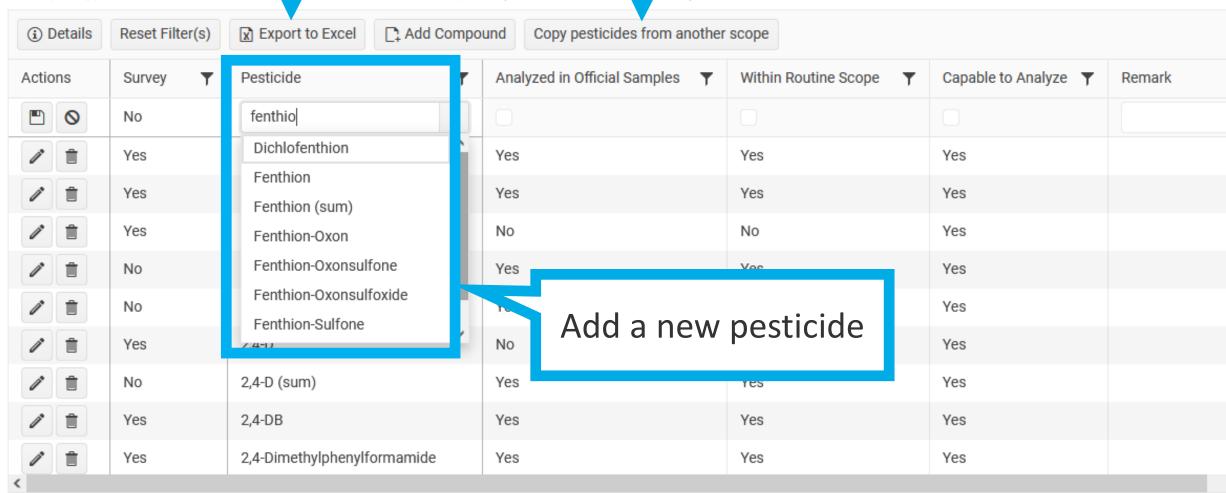
Click on the button "Edit" in the column "Actions" to enter/change individual pesticides within the pesticide scope of your lab.

Actions Survey Pesticide Panalyzed in Official Samples Within Routine Scope Capable to Analyze Remark Yes 1,4-Dimethylnaphthalene Yes Yes Yes Yes Yes Yes Yes	 Details 	Reset Filter(s)	Export to Excel Add Compo	und Copy pesticides from another	scope		
Yes 1-Naphthylacetamide Yes Yes Yes Yes 1-Naphthylacetic acid No No Yes No 2,4,5-T Yes Yes Yes No 2,4,5-TP Yes Yes Yes Yes 2,4-D No No Yes No 2,4-D (sum) Yes Yes Yes Yes 2,4-DB Yes Yes Yes	Actions	Survey T	Pesticide Y	Analyzed in Official Samples	Within Routine Scope	Capable to Analyze 🔻	Remark
Permitter Yes 1-Naphthylacetic acid No No Yes Permitter No 2,4,5-T Yes Yes Yes Permitter No 2,4,5-TP Yes Yes Yes Permitter Yes Yes Yes Yes Permitter Yes Yes Yes Permitter Yes Yes Yes		Yes	1,4-Dimethylnaphthalene	Yes	Yes	Yes	
Image: No 2,4,5-T Yes Yes Yes Image: No 2,4,5-TP Yes Yes Yes Image: No 2,4-D No No Yes Image: No 2,4-D (sum) Yes Yes Yes Image: No 2,4-D (sum) Yes Yes Yes Image: No 2,4-DB Yes Yes Yes		Yes	1-Naphthylacetamide	Yes	Yes	Yes	
No 2,4,5-TP Yes Yes Yes Yes 2,4-D No No Yes No 2,4-D (sum) Yes Yes Yes Yes Yes Yes Yes		Yes	1-Naphthylacetic acid	No	No	Yes	
Yes2,4-DNoNoYesNo2,4-D (sum)YesYesYesYes2,4-DBYesYesYes		No	2,4,5-T	Yes	Yes	Yes	
No 2,4-D (sum) Yes Yes Yes Yes 2,4-DB Yes Yes Yes		No	2,4,5-TP	Yes	Yes	Yes	
Yes 2,4-DB Yes Yes Yes		Yes	2,4-D	No	No	Yes	
		No	2,4-D (sum)	Yes	Yes	Yes	
Yes 2,4-Dimethylphenylformamide Yes Yes Yes		Yes	2,4-DB	Yes	Yes	Yes	
		Yes	2,4-Dimethylphenylformamide	Yes	Yes	Yes	

Pesticide Scope | Edit Individual Pesticides

Edit Individual Pesticides here

Click on the button "Edit" in the column "Actions" to enter/change individual pesticides within the pesting de scope of your lab.



The Working Document (SANCO/12745/2013 rev. 15(3)) lists compounds that are recommended by COM to be analyzed by the OFLs in **food of plant and/or animal origin**.

A survey is yearly conducted by the EURL-SRM to find out

- how many labs have analytical methods in place
- how many labs have the capability to routinely analyze for these substances in products of PLANT and/or ANIMAL origin.
- how many labs cover the full residue definition & how many cover only part of the residue definition.

=> At the end of July 2024, the Pesticide Scope survey will be launched among all NRLs and OfLs in the network.

4.1 Pesticides to be considered for analysis in products of plant origin

SANCO/12745/2013, Rev.15(3)

Trimethyl-sulfonium cation (resulting from the use of glyphosate) – PO

Added: 10/2019

Toxicity: ADI = 0.2 mg/kg bw/day, ARfD 0.25mg/kg bw

Method: SRM, Priority: 2B Evaluation: after 2 years

 $(10/2021) \rightarrow 10/2022) \rightarrow 10/2023 \rightarrow 10/2024$

- ✓ 1.76% findings (0.00% MRL exceedances) EFSA 2015
- √ 1.63% findings (0.18% MRL exceedances) EFSA 2016
- 2.19% findings (0.39% MRL exceedances) EFSA 2017
- √ 1.34% findings (0.23% MRL exceedances) EFSA 2018
- ✓ 0.78% findings (0.15% MRL exceedances) EFSA 2019
- √ 1.04% findings (0.24% MRL exceedances) EFSA 2020
 A 2021

10% labs and 35% MS analysed full RD in 2019

15% labs and 43% MS analysed full RD in 2020

20% labs and 46% MS analysed full RD in 2021

16% labs and 42% MS analysed full RD in 2022

- ⇒ Analytical coverage poor
- ⇒ Candidate for EU MACP
- ⇒ Keep extra year in Chapter 4 and Annex II

ntaminant at

high temperature drying (e.g. in dried herbs, dried vegetables, spices, tea, moringa, dried fruits, cereals, pulses,). Also encountered in several other commodities such as aubergines, sweet peppers, asparagus, pears, grapes, citrus fruits (e.g. oranges, grapefruit), onions and mushrooms Trinexapac – PO

Added: 10/2019

Toxicity: ADI = 0.32 mg/kg bw/day, ARfD NA

Method: MRM/SRM, Priority: 2B

Evaluation: after 2 years

 $(10/2021) \rightarrow 10/2022) \rightarrow 10/2023 \rightarrow 10/2024$

- √ 0.41% findings (0.00% MRL exceedances) EFSA 2015
- √ 0.35% findings (0.00% MRL exceedances) EFSA 2016
- √ 0.51% findings (0.00% MRL exceedances) EFSA 2017
- √ 0.66% findings (0.00% MRL exceedances) EFSA 2018
- √ 0.18% findings (0.00% MRL exceedances) EFSA 2019
- √ 0.12% findings (0.00% MRL exceedances) EFSA 2020

18% labs and 54% MS analysed full RD in 2019

22% labs and 57% MS analysed full RD in 2020

29% labs and 61% MS analysed full RD in 2021

24% labs and 50% MS analysed full RD in 2022

- ⇒ Analytical coverage poor
- ⇒ Candidate for EU MACP
- ⇒ Keep extra year in Chapter 4 and Annex II

capac ethyl

A 2021

which is used as a growth regulator. It is amenable to slightly modified QuEChERS. The compound was found in cereals (ca 10% positives) and products thereof (ca 30% positive) as well as in orange juice and olive oil.

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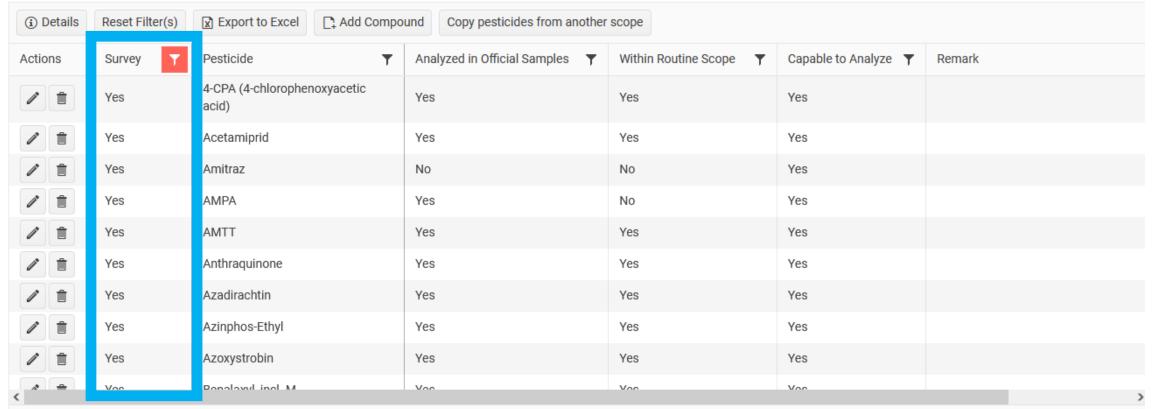
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Mv P

Edit Individual Pesticides here

Click on the button "Edit" in the column "Actions" to enter/change individual pesticides within the pesticide scope of your lab.



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Mv P

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Lab Info — Details: Sample Types, Contact Persons & Pesticide Scope

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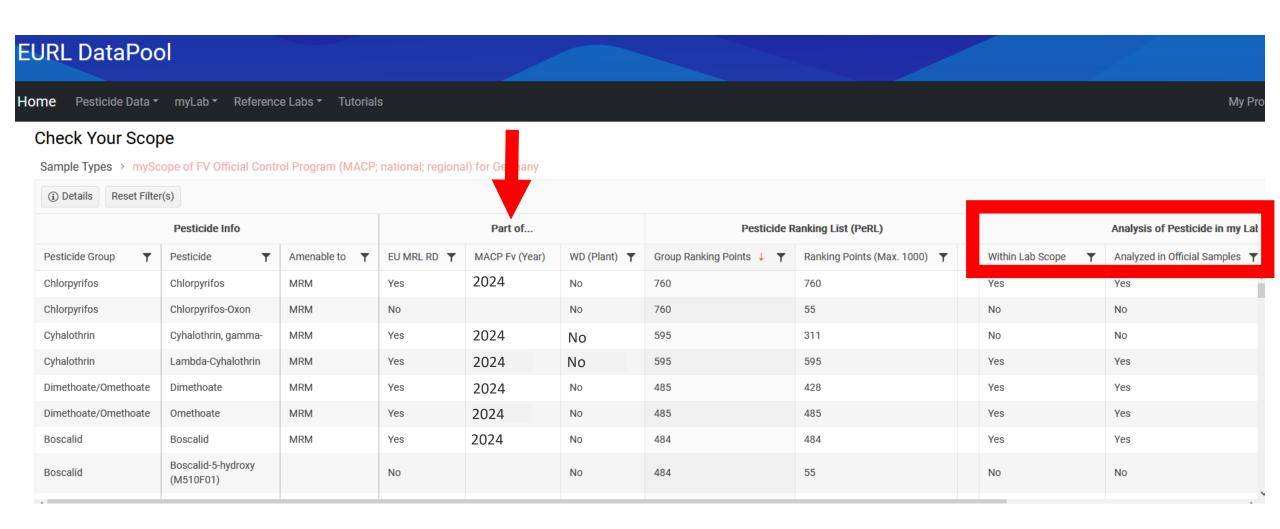
(i) Details Reset Filter(s) Reset Filter(s)												
		ntact Persons	Check Your Scope									
Actions	Sample Type	Control Program/Activity	Analyzing on Behalf of	Activity Status 🔻	Edit	# of Contacts						
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	FV	Official Control Program (MACP; national; regional)	Germany	Active		5						
<												

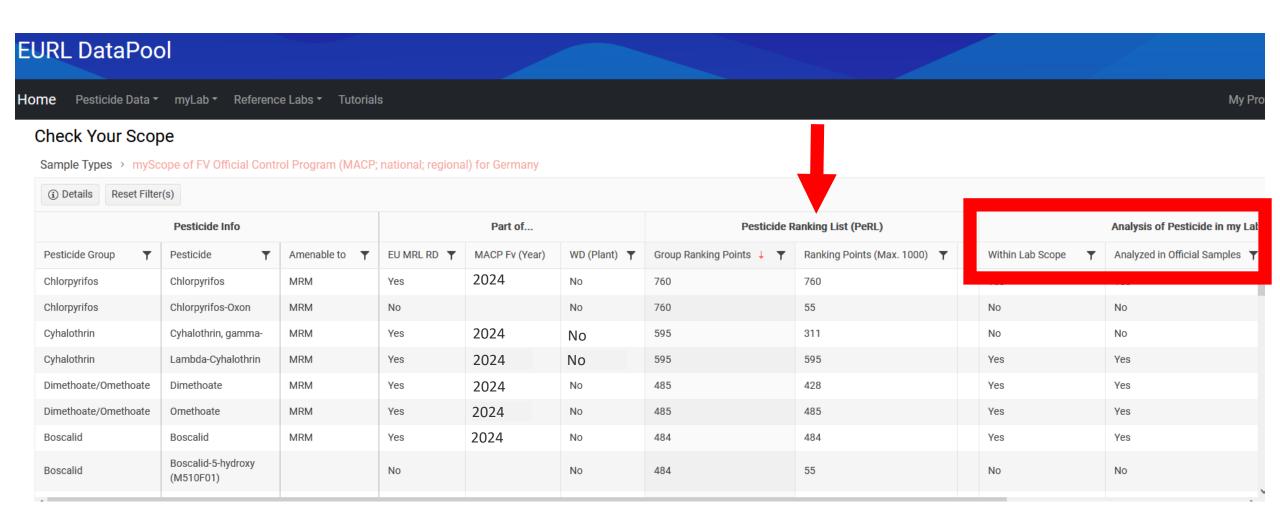
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Check Your Scope

	Pesticide Info			Part of		Pesticide R	anking List (PeRL)		Analysis of Pesticide in my La
Pesticide Group	Pesticide T	Amenable to 🔻	EU MRL RD 🔻	MACP Fv (Year)	WD (Plant)	Group Ranking Points ↓ ▼	Ranking Points (Max. 1000)	Within Lab Scope	Analyzed in Official Samples
Chlorpyrifos	Chlorpyrifos	MRM	Yes	2024	No	760	760	Yes	Yes
Chlorpyrifos	Chlorpyrifos-Oxon	MRM	No		No	760	55	No	No
Cyhalothrin	Cyhalothrin, gamma-	MRM	Yes	2024	No	595	311	No	No
Cyhalothrin	Lambda-Cyhalothrin	MRM	Yes	2024	No	595	595	Yes	Yes
Dimethoate/Omethoate	Dimethoate	MRM	Yes	2024	No	485	428	Yes	Yes
Dimethoate/Omethoate	Omethoate	MRM	Yes	2024	No	485	485	Yes	Yes
Boscalid	Boscalid	MRM	Yes	2024	No	484	484	Yes	Yes
Boscalid	Boscalid-5-hydroxy (M510F01)		No		No	484	55	No	No





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(i) Details	Reset Filter(s)	dd Sample Type						
		Analyzed Sample 1	Co	ntact Persons	Pesticide Scope	Check Your Scope		
Actions	Sample Type	Control Program/Activity	Analyzing on Behalf of	Activity Status 🔻	Edit	# of Contacts	Edit	
	Baby food	Official Control Program (MACP; national; regional)	Germany	Active		5		
	Cereals	1793-Activity	Germany	Active		5		
	Food of animal origin (exc. honey)	Official Control Program (MACP; national; regional)	Germany	Active		4		
/	Food of high fat content (non animal origin)	Official Control Program (MACP; national; regional)	Germany	Active		5		
	FV	Official Control Program (MACP; national; regional)	Germany	Active		5		
<								8.2024 32

Summary & Outlook

Parts of the website do not work properly.
We are working hard to transfer the website to the current framework.

End of July 2024:

- New version of EURL DataPool will be launched.
- Pesticide Scope survey will be launched to all NRLs and OfLs.
- ➤ November 2024:
 - Request to update the OFFICIAL LAB SAMPLE SCOPE & the list of lab employees (+ email-addresses).

Thank You for Your Attention



www.eurl-pesticides.eu