

Miesbach, David

From: Kara Greer <kgreer@pacaglab.com>
Sent: Thursday, April 1, 2021 1:57 PM
To: Miesbach, David
Cc: Rick Jordan
Subject: RE: Sample Receipt P210354 - Revised
Attachments: P210354 REVISED WKO 04 01 21 1121.PDF; P210354 Sample Receipt Checklist.pdf

Hello Dave,

Thank you for bringing the custody seals to our attention. I reviewed the Sample Receipt checklist form (attached) for this project and there were cooler and container custody seals present and intact upon receipt. The custody seals check box was missed when logging the samples in the LIMS system. I have revised the Sample Receipt (attached) to reflect the custody seals. Please let me know if you have any questions.

Thank you,

Kara Greer

Project Manager

P: 503.626.7943

E: kgreer@pacaglab.com

21830 SW Alexander Ln.
Sherwood, OR, 97140



pacaglab.com

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From: Miesbach, David <david.miesbach@nebraska.gov>
Sent: Thursday, April 1, 2021 11:20 AM
To: Kara Greer <kgreer@pacaglab.com>
Subject: RE: Sample Receipt P210354

****CAUTION: EXTERNAL MESSAGE.** Do not click any links unless you recognize the sender. **

Kara,
Thanks for the receipt. I noticed that is says there were no custody seals on the cooler. I thought we put them on the cooler. Also, were the custody seals intact on the Styrofoam shippers? Thanks.

David L. Miesbach, P.G.
GROUNDWATER SECTION SUPERVISOR/
WATER WELL STANDARDS
Nebraska Department of Environment and Energy



P.O. Box 98922
Lincoln, Nebraska 68509-8922
DIRECT (402) 471-4982 / MAIN OFFICE (402) 471-2186
FAX (402) 471-2909
david.miesbach@nebraska.gov
<http://dee.ne.gov>

From: Kara Greer <kgreer@pacaglab.com>
Sent: Thursday, April 1, 2021 1:14 PM
To: Miesbach, David <david.miesbach@nebraska.gov>
Subject: Sample Receipt P210354

Hello,

Attached is a confirmation of samples received by PAL, A Matrix Sciences Company.
Please review the information and contact the laboratory if changes need to be made.
If the information appears correct, no action on your part is required.

Thank you,

Kara Greer

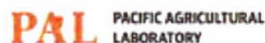
Project Manager

P: 503.626.7943

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WORK ORDER

P210354

Sample Receipt Acknowledgment

Project Manager: Rick Jordan

Project Number: 22678

Report To:

Nebraska Department of Environment and Energy

David Miesbach

P.O. Box 98922

Lincoln, NE 68509-8922

Phone: (402) 471-4982

Date Received: 03/30/2021 11:10 AM

Cooler Data

Samples Received at: **-1.2°C**

Custody Seals	(Yes)	COC/Labels Agree	(Yes)	Received On Ice	(Yes)
Containers Intact	(Yes)	Preservation Confirmed	(No)		

Client ID: **AltMW1**

PAL ID: **P210354-01**

Matrix: water, Sampled: 03/26/21

Requested Analysis:

Pesticides, *Modified EPA 8321B (LC-MS/MS), Due 04/13/21*

Glyphosate (+ Glufosinate, AMPA), *LC-MS/MS, Due 04/13/21*

Client ID: **AltMW4**

PAL ID: **P210354-02**

Matrix: water, Sampled: 03/26/21

Requested Analysis:

Pesticides, *Modified EPA 8321B (LC-MS/MS), Due 04/13/21*

Glyphosate (+ Glufosinate, AMPA), *LC-MS/MS, Due 04/13/21*

Client ID: **ALTDup**

PAL ID: **P210354-03**

Matrix: water, Sampled: 03/26/21

Requested Analysis:

Pesticides, *Modified EPA 8321B (LC-MS/MS), Due 04/13/21*

Glyphosate (+ Glufosinate, AMPA), *LC-MS/MS, Due 04/13/21*

Client ID: **Alt Blank**

PAL ID: **P210354-04**

Matrix: water, Sampled: 03/26/21

Requested Analysis:

Pesticides, *Modified EPA 8321B (LC-MS/MS), Due 04/13/21*

Glyphosate (+ Glufosinate, AMPA), *LC-MS/MS, Due 04/13/21*

SHERWOOD, OR (SW) & RESIDUE
SW4-F-0003, SAMPLE RECEIPT CHECKLIST

Revision No. 1
Page 1 of 1

PAL Project #: 210354 Initials: S8M/SVW Date: 3/30/21

Customer: Nebraska Dept of Environment + Energy

Shipment Method: ☒ UPS ☐ FedEx ☐ USPS ☐ DHL ☐ Client Drop-Off ☐

Tracking # 1Z633 279 01 9593 7129

Shipping Container: Intact? ☒ [Y/N] Custody Seals Present? ☒ [Y/N] Custody Seals Intact? ☒ [Y/N]

☐ Styrofoam Cooler ☒ Plastic Cooler ☐ Cardboard Box ☐ Envelope ☐ None

Temperature Upon Receipt? -1.2 °C

Coolant: ☐ None ☐ Blue Ice ☒ Wet Ice ☐ Other _____

Yes No N/A

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are sample containers intact?
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Were sample containers provided by PAL?
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sample container custody seals? Intact? <input checked="" type="checkbox"/> [Y/N]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are the samples preserved?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is the Chain of Custody complete?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Do sample numbers and description agree with client documentation?
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are samples within hold time?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is RUSH Analysis Requested? Is RUSH analysis approved? <input type="checkbox"/> [Y/N]
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Is there adequate sample volume for requested tests?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Are sample containers appropriate for the analysis?

Sample Container:

☐ Plastic Drawstring Bag ☐ Foil Pack ☐ Paper Bag

☐ Plastic Bag: 1 Gal _____ 1 Quart _____ Whirl-Pak _____ Other _____

☐ Plastic Container: 1 Liter _____ 500 ml _____ 250 ml _____ 125 ml _____ Flip-Top _____

☒ Glass Container: Amber Clear] 1 Liter 4 500 ml _____ 250ml _____

125 ml _____ 16 oz _____ 8 oz _____ 4 oz _____ Vial _____ VOA _____

☐ _____

Sample Description: Full of water (All)

Notes: subbed for Glyphosate, AMPA, Glufosinate

Miesbach, David

From: Rick Jordan <rjordan@pacaglab.com>
Sent: Tuesday, April 6, 2021 4:01 PM
To: Miesbach, David
Subject: Analytical Report P210354
Attachments: P210354_COC_01.pdf; P210354 FINAL 04 06 21 1305.pdf; P210354 FINAL EXCEL 06 Apr 21 1305.xls

David,

The final report for the above referenced project is attached. If you have any questions let me know.

Rick Jordan

Laboratory Director

P: 503.626.7943

E: rjordan@pacaglab.com

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Sherwood, OR, 97140

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Nebraska Department of Environment and Energy

P.O. Box 98922

Lincoln, NE 68509-8922

Report Number: P210354

Report Date: April 06, 2021

Client Project ID: 22678

Analytical Report

Client Sample ID: AltMW1

Matrix: water

PAL Sample ID: P210354-01

Sample Date: 3/26/21

Received Date: 3/30/21

Extraction Date	Analysis Date	Analyte	Amount Detected	Limit of Quantitation	Notes
Method: LC-MS/MS					
4/01/21	4/2/21	AMPA	ND	40 ug/L	
4/01/21	4/2/21	Glufosinate	ND	10 ug/L	
4/01/21	4/2/21	Glyphosate	ND	10 ug/L	
Method: Modified EPA 8321B (LC-MS/MS)					
4/02/21	4/2/21	Abamectin	ND	1.0 ug/L	
4/02/21	4/2/21	Acetamiprid	ND	1.0 ug/L	
4/02/21	4/2/21	Azoxystrobin	ND	1.0 ug/L	
4/02/21	4/2/21	Brassinazole	ND	1.0 ug/L	
4/02/21	4/2/21	Carbendazim	ND	1.0 ug/L	
4/02/21	4/2/21	Carboxin	ND	1.0 ug/L	
4/02/21	4/2/21	Chlorantraniliprole	ND	1.0 ug/L	
4/02/21	4/2/21	Clothianidin	ND	1.0 ug/L	
4/02/21	4/2/21	Cyantraniliprole	ND	1.0 ug/L	
4/02/21	4/2/21	Cyproconazole	ND	1.0 ug/L	
4/02/21	4/2/21	Difenoconazole	ND	1.0 ug/L	
4/02/21	4/2/21	Dimoxystrobin	ND	1.0 ug/L	
4/02/21	4/2/21	Dinotefuran	ND	1.0 ug/L	
4/02/21	4/2/21	Epoxiconazole	ND	1.0 ug/L	
4/02/21	4/2/21	Fluconazole	ND	1.0 ug/L	
4/02/21	4/2/21	Fludioxonil	ND	1.0 ug/L	
4/02/21	4/2/21	Fluoxastrobin	ND	1.0 ug/L	
4/02/21	4/2/21	Imidacloprid	ND	1.0 ug/L	
4/02/21	4/2/21	Ipeconazole	ND	1.0 ug/L	
4/02/21	4/2/21	Isavuconazole	ND	1.0 ug/L	
4/02/21	4/2/21	Itraconazole	ND	1.0 ug/L	
4/02/21	4/2/21	Mefenoxam	ND	1.0 ug/L	
4/02/21	4/2/21	Metconazole	ND	1.0 ug/L	
4/02/21	4/2/21	Nitenpyram	ND	1.0 ug/L	
4/02/21	4/2/21	Orysastrobin	ND	1.0 ug/L	
4/02/21	4/2/21	Picoxystrobin	ND	1.0 ug/L	

Rick Jordan, Laboratory Director

This analytical report complies with the ISO/IEC 17025:2017
Quality Standard.



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Nebraska Department of Environment and Energy
P.O. Box 98922
Lincoln, NE 68509-8922

Report Number: P210354
Report Date: April 06, 2021
Client Project ID: 22678

Analytical Report

Client Sample ID: AltMW1
Matrix: water

PAL Sample ID: P210354-01
Sample Date: 3/26/21
Received Date: 3/30/21

Extraction Date	Analysis Date	Analyte	Amount Detected	Limit of Quantitation	Notes
4/02/21	4/2/21	Posaconazole	ND	1.0 ug/L	
4/02/21	4/2/21	Propiconazole	ND	1.0 ug/L	
4/02/21	4/2/21	Prothioconazole	ND	1.0 ug/L	
4/02/21	4/2/21	Pyraclostrobin	ND	1.0 ug/L	
4/02/21	4/2/21	Ravuconazole	ND	1.0 ug/L	
4/02/21	4/2/21	Tebuconazole	ND	1.0 ug/L	
4/02/21	4/2/21	Tetraconazole	ND	1.0 ug/L	
4/02/21	4/2/21	Thiabendazole	ND	1.0 ug/L	
4/02/21	4/2/21	Thiacloprid	ND	1.0 ug/L	
4/02/21	4/2/21	Thiamethoxam	ND	1.0 ug/L	
4/02/21	4/2/21	Thiophanate methyl	ND	1.0 ug/L	
4/02/21	4/2/21	Trifloxystrobin	ND	1.0 ug/L	
4/02/21	4/2/21	Uniconazole	ND	1.0 ug/L	
4/02/21	4/2/21	Voriconazole	ND	1.0 ug/L	

Surrogate Recovery: 96 %

Surrogate Recovery Range: 60-140

(TPP-d15 used as Surrogate)

Rick Jordan, Laboratory Director

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Report Number: P210354

Report Date: April 06, 2021

Client Project ID: 22678

Analytical Report

Client Sample ID: AltMW4

Matrix: water

PAL Sample ID: P210354-02

Sample Date: 3/26/21

Received Date: 3/30/21

Extraction Date	Analysis Date	Analyte	Amount Detected	Limit of Quantitation	Notes
Method: LC-MS/MS					
4/01/21	4/2/21	AMPA	ND	40 ug/L	
4/01/21	4/2/21	Glufosinate	ND	10 ug/L	
4/01/21	4/2/21	Glyphosate	ND	10 ug/L	
Method: Modified EPA 8321B (LC-MS/MS)					
4/02/21	4/3/21	Abamectin	ND	1.0 ug/L	
4/02/21	4/3/21	Acetamiprid	ND	1.0 ug/L	
4/02/21	4/3/21	Azoxystrobin	ND	1.0 ug/L	
4/02/21	4/3/21	Brassinazole	ND	1.0 ug/L	
4/02/21	4/3/21	Carbendazim	ND	1.0 ug/L	
4/02/21	4/3/21	Carboxin	ND	1.0 ug/L	
4/02/21	4/3/21	Chlorantraniliprole	ND	1.0 ug/L	
4/02/21	4/3/21	Clothianidin	70 ug/L	1.0 ug/L	
4/02/21	4/3/21	Cyantraniliprole	ND	1.0 ug/L	
4/02/21	4/3/21	Cyproconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Difenoconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Dimoxystrobin	ND	1.0 ug/L	
4/02/21	4/3/21	Dinotefuran	ND	1.0 ug/L	
4/02/21	4/3/21	Epoxiconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Fluconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Fludioxonil	ND	1.0 ug/L	
4/02/21	4/3/21	Fluoxastrobin	ND	1.0 ug/L	
4/02/21	4/3/21	Imidacloprid	ND	1.0 ug/L	
4/02/21	4/3/21	Ipconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Isavuconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Itraconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Mefenoxam	1.0 ug/L	1.0 ug/L	
4/02/21	4/3/21	Metconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Nitenpyram	ND	1.0 ug/L	
4/02/21	4/3/21	Orysastrobin	ND	1.0 ug/L	
4/02/21	4/3/21	Picoxystrobin	ND	1.0 ug/L	

This analytical report complies with the ISO/IEC 17025:2017
Quality Standard.

Rick Jordan, Laboratory Director



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Nebraska Department of Environment and Energy
P.O. Box 98922
Lincoln, NE 68509-8922

Report Number: P210354
Report Date: April 06, 2021
Client Project ID: 22678

Analytical Report

Client Sample ID: AltMW4
Matrix: water

PAL Sample ID: P210354-02
Sample Date: 3/26/21
Received Date: 3/30/21

Extraction Date	Analysis Date	Analyte	Amount Detected	Limit of Quantitation	Notes
4/02/21	4/3/21	Posaconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Propiconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Prothioconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Pyraclostrobin	ND	1.0 ug/L	
4/02/21	4/3/21	Ravuconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Tebuconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Tetraconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Thiabendazole	ND	1.0 ug/L	
4/02/21	4/3/21	Thiacloprid	ND	1.0 ug/L	
4/02/21	4/3/21	Thiamethoxam	29 ug/L	1.0 ug/L	
4/02/21	4/3/21	Thiophanate methyl	ND	1.0 ug/L	
4/02/21	4/3/21	Trifloxystrobin	ND	1.0 ug/L	
4/02/21	4/3/21	Uniconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Voriconazole	ND	1.0 ug/L	

Surrogate Recovery: 101 %

Surrogate Recovery Range: 60-140

(TPP-d15 used as Surrogate)

Rick Jordan, Laboratory Director

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PAL PACIFIC AGRICULTURAL
LABORATORY

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Nebraska Department of Environment and Energy

P.O. Box 98922

Lincoln, NE 68509-8922

Report Number: P210354

Report Date: April 06, 2021

Client Project ID: 22678

Analytical Report

Client Sample ID: ALTDup

Matrix: water

PAL Sample ID: P210354-03

Sample Date: 3/26/21

Received Date: 3/30/21

Extraction Date	Analysis Date	Analyte	Amount Detected	Limit of Quantitation	Notes
Method: LC-MS/MS					
4/01/21	4/2/21	AMPA	ND	40 ug/L	
4/01/21	4/2/21	Glufosinate	ND	10 ug/L	
4/01/21	4/2/21	Glyphosate	ND	10 ug/L	
Method: Modified EPA 8321B (LC-MS/MS)					
4/02/21	4/3/21	Abamectin	ND	1.0 ug/L	
4/02/21	4/3/21	Acetamiprid	ND	1.0 ug/L	
4/02/21	4/3/21	Azoxystrobin	ND	1.0 ug/L	
4/02/21	4/3/21	Brassinazole	ND	1.0 ug/L	
4/02/21	4/3/21	Carbendazim	ND	1.0 ug/L	
4/02/21	4/3/21	Carboxin	ND	1.0 ug/L	
4/02/21	4/3/21	Chlorantraniliprole	ND	1.0 ug/L	
4/02/21	4/3/21	Clothianidin	72 ug/L	1.0 ug/L	
4/02/21	4/3/21	Cyantraniliprole	ND	1.0 ug/L	
4/02/21	4/3/21	Cyproconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Difenoconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Dimoxystrobin	ND	1.0 ug/L	
4/02/21	4/3/21	Dinotefuran	ND	1.0 ug/L	
4/02/21	4/3/21	Epoxiconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Fluconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Fludioxonil	ND	1.0 ug/L	
4/02/21	4/3/21	Fluoxastrobin	ND	1.0 ug/L	
4/02/21	4/3/21	Imidacloprid	ND	1.0 ug/L	
4/02/21	4/3/21	Ipconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Isavuconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Itraconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Mefenoxam	1.1 ug/L	1.0 ug/L	
4/02/21	4/3/21	Metconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Nitenpyram	ND	1.0 ug/L	
4/02/21	4/3/21	Orysastrobin	ND	1.0 ug/L	
4/02/21	4/3/21	Picoxystrobin	ND	1.0 ug/L	

This analytical report complies with the ISO/IEC 17025:2017
Quality Standard.

Rick Jordan, Laboratory Director



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Nebraska Department of Environment and Energy
P.O. Box 98922
Lincoln, NE 68509-8922

Report Number: P210354
Report Date: April 06, 2021
Client Project ID: 22678

Analytical Report

Client Sample ID: ALTDup
Matrix: water

PAL Sample ID: P210354-03
Sample Date: 3/26/21
Received Date: 3/30/21

Extraction Date	Analysis Date	Analyte	Amount Detected	Limit of Quantitation	Notes
4/02/21	4/3/21	Posaconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Propiconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Prothioconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Pyraclostrobin	ND	1.0 ug/L	
4/02/21	4/3/21	Ravuconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Tebuconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Tetraconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Thiabendazole	ND	1.0 ug/L	
4/02/21	4/3/21	Thiacloprid	ND	1.0 ug/L	
4/02/21	4/3/21	Thiamethoxam	29 ug/L	1.0 ug/L	
4/02/21	4/3/21	Thiophanate methyl	ND	1.0 ug/L	
4/02/21	4/3/21	Trifloxystrobin	ND	1.0 ug/L	
4/02/21	4/3/21	Uniconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Voriconazole	ND	1.0 ug/L	

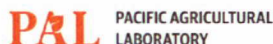
Surrogate Recovery: 104 %

Surrogate Recovery Range: 60-140

(TPP-d15 used as Surrogate)

This analytical report complies with the ISO/IEC 17025:2017
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Rick Jordan, Laboratory Director



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Nebraska Department of Environment and Energy

P.O. Box 98922

Lincoln, NE 68509-8922

Report Number: P210354

Report Date: April 06, 2021

Client Project ID: 22678

Analytical Report

Client Sample ID: Alt Blank

Matrix: water

PAL Sample ID: P210354-04

Sample Date: 3/26/21

Received Date: 3/30/21

Extraction Date	Analysis Date	Analyte	Amount Detected	Limit of Quantitation	Notes
Method: LC-MS/MS					
4/01/21	4/2/21	AMPA	ND	40 ug/L	
4/01/21	4/2/21	Glufosinate	ND	10 ug/L	
4/01/21	4/2/21	Glyphosate	ND	10 ug/L	
Method: Modified EPA 8321B (LC-MS/MS)					
4/02/21	4/3/21	Abamectin	ND	1.0 ug/L	
4/02/21	4/3/21	Acetamiprid	ND	1.0 ug/L	
4/02/21	4/3/21	Azoxystrobin	ND	1.0 ug/L	
4/02/21	4/3/21	Brassinazole	ND	1.0 ug/L	
4/02/21	4/3/21	Carbendazim	ND	1.0 ug/L	
4/02/21	4/3/21	Carboxin	ND	1.0 ug/L	
4/02/21	4/3/21	Chlorantraniliprole	ND	1.0 ug/L	
4/02/21	4/3/21	Clothianidin	ND	1.0 ug/L	
4/02/21	4/3/21	Cyantraniliprole	ND	1.0 ug/L	
4/02/21	4/3/21	Cyproconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Difenoconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Dimoxystrobin	ND	1.0 ug/L	
4/02/21	4/3/21	Dinotefuran	ND	1.0 ug/L	
4/02/21	4/3/21	Epoxiconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Fluconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Fludioxonil	ND	1.0 ug/L	
4/02/21	4/3/21	Fluoxastrobin	ND	1.0 ug/L	
4/02/21	4/3/21	Imidacloprid	ND	1.0 ug/L	
4/02/21	4/3/21	Ipconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Isavuconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Itraconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Mefenoxam	ND	1.0 ug/L	
4/02/21	4/3/21	Metconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Nitenpyram	ND	1.0 ug/L	
4/02/21	4/3/21	Orysastrobin	ND	1.0 ug/L	
4/02/21	4/3/21	Picoxystrobin	ND	1.0 ug/L	

This analytical report complies with the ISO/IEC 17025:2017
Quality Standard.

Rick Jordan, Laboratory Director



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Nebraska Department of Environment and Energy
P.O. Box 98922
Lincoln, NE 68509-8922

Report Number: P210354
Report Date: April 06, 2021
Client Project ID: 22678

Analytical Report

Client Sample ID: Alt Blank
Matrix: water

PAL Sample ID: P210354-04
Sample Date: 3/26/21
Received Date: 3/30/21

Extraction Date	Analysis Date	Analyte	Amount Detected	Limit of Quantitation	Notes
4/02/21	4/3/21	Posaconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Propiconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Prothioconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Pyraclostrobin	ND	1.0 ug/L	
4/02/21	4/3/21	Ravuconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Tebuconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Tetraconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Thiabendazole	ND	1.0 ug/L	
4/02/21	4/3/21	Thiacloprid	ND	1.0 ug/L	
4/02/21	4/3/21	Thiamethoxam	ND	1.0 ug/L	
4/02/21	4/3/21	Thiophanate methyl	ND	1.0 ug/L	
4/02/21	4/3/21	Trifloxystrobin	ND	1.0 ug/L	
4/02/21	4/3/21	Uniconazole	ND	1.0 ug/L	
4/02/21	4/3/21	Voriconazole	ND	1.0 ug/L	

Surrogate Recovery: 99 %

Surrogate Recovery Range: 60-140

(TPP-d15 used as Surrogate)

Rick Jordan, Laboratory Director

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Quality Standard.

Nebraska Department of Environment and Energy

P.O. Box 98922

Lincoln, NE 68509-8922

Report Number: P210354

Report Date: April 06, 2021

Client Project ID: 22678

Quality Assurance

Method Blank Data

Matrix: water

Extraction Date	Analysis Date	Batch QC Sample #	Analyte	% Recovery	Expected % Recovery	Notes
4/1/21	4/2/21	21D0109-BLK1	AMPA	Not Detected	< 40 ug/L	
4/1/21	4/2/21	21D0109-BLK1	Glufosinate	Not Detected	< 10 ug/L	
4/1/21	4/2/21	21D0109-BLK1	Glyphosate	Not Detected	< 10 ug/L	

Method Blank Data

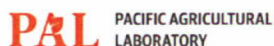
Matrix: water

Extraction Date	Analysis Date	Batch QC Sample #	Analyte	% Recovery	Expected % Recovery	Notes
4/2/21	4/2/21	21D0205-BLK1	Abamectin	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Acetamiprid	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Azoxystrobin	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Brassinazole	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Carbendazim	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Carboxin	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Chlorantraniliprole	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Clothianidin	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Cyantraniliprole	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Cyproconazole	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Difenoconazole	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Dimoxystrobin	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Dinotefuran	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Epoxiconazole	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Fluconazole	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Fludioxonil	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Fluxastrobin	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Imidacloprid	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Ipconazole	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Isavuconazole	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Itraconazole	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Mefenoxam	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Metconazole	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Nitenpyram	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Orysastrobin	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Picoxystrobin	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Posaconazole	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Propiconazole	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Prothioconazole	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Pyraclostrobin	Not Detected	< 1.0 ug/L	



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Report Number: P210354
Report Date: April 06, 2021
Client Project ID: 22678

Method Blank Data Matrix: water

Extraction Date	Analysis Date	Batch QC Sample #	Analyte	% Recovery	Expected % Recovery	Notes
4/2/21	4/2/21	21D0205-BLK1	Ravuconazole	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Tebuconazole	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Tetraconazole	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Thiabendazole	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Thiacloprid	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Thiamethoxam	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Thiophanate methyl	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Trifloxystrobin	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Uniconazole	Not Detected	< 1.0 ug/L	
4/2/21	4/2/21	21D0205-BLK1	Voriconazole	Not Detected	< 1.0 ug/L	

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P.O. Box 98922

Lincoln, NE 68509-8922

Report Number: P210354

Report Date: April 06, 2021

Client Project ID: 22678

Blank Spike Data

Matrix: water

Extraction Date	Analysis Date	Batch QC Sample #	Analyte	% Recovery	Expected % Recovery	Notes
4/1/21	4/2/21	21D0109-BS1	AMPA	98	60-140	
4/1/21	4/2/21	21D0109-BSD1	AMPA	101	60-140	
4/1/21	4/2/21	21D0109-BS1	Glufosinate	95	60-140	
4/1/21	4/2/21	21D0109-BSD1	Glufosinate	92	60-140	
4/1/21	4/2/21	21D0109-BS1	Glyphosate	98	60-140	
4/1/21	4/2/21	21D0109-BSD1	Glyphosate	95	60-140	

Blank Spike Data

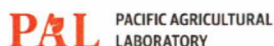
Matrix: water

Extraction Date	Analysis Date	Batch QC Sample #	Analyte	% Recovery	Expected % Recovery	Notes
4/2/21	4/2/21	21D0205-BS1	Abamectin	99	60-140	
4/2/21	4/2/21	21D0205-BSD1	Abamectin	105	60-140	
4/2/21	4/2/21	21D0205-BS1	Acetamiprid	110	60-140	
4/2/21	4/2/21	21D0205-BSD1	Acetamiprid	107	60-140	
4/2/21	4/2/21	21D0205-BS1	Azoxystrobin	122	60-140	
4/2/21	4/2/21	21D0205-BSD1	Azoxystrobin	113	60-140	
4/2/21	4/2/21	21D0205-BS1	Brassinazole	102	60-140	
4/2/21	4/2/21	21D0205-BSD1	Brassinazole	101	60-140	
4/2/21	4/2/21	21D0205-BS1	Carbendazim	107	60-140	
4/2/21	4/2/21	21D0205-BSD1	Carbendazim	102	60-140	
4/2/21	4/2/21	21D0205-BS1	Carboxin	108	60-140	
4/2/21	4/2/21	21D0205-BSD1	Carboxin	106	60-140	
4/2/21	4/2/21	21D0205-BS1	Chlorantraniliprole	105	60-140	
4/2/21	4/2/21	21D0205-BSD1	Chlorantraniliprole	105	60-140	
4/2/21	4/2/21	21D0205-BS1	Clothianidin	112	60-140	
4/2/21	4/2/21	21D0205-BSD1	Clothianidin	101	60-140	
4/2/21	4/2/21	21D0205-BS1	Cyantraniliprole	103	60-140	
4/2/21	4/2/21	21D0205-BSD1	Cyantraniliprole	100	60-140	
4/2/21	4/2/21	21D0205-BS1	Cyproconazole	98	60-140	
4/2/21	4/2/21	21D0205-BSD1	Cyproconazole	95	60-140	
4/2/21	4/2/21	21D0205-BS1	Difenoconazole	102	60-140	
4/2/21	4/2/21	21D0205-BSD1	Difenoconazole	101	60-140	
4/2/21	4/2/21	21D0205-BS1	Dimoxystrobin	104	60-140	
4/2/21	4/2/21	21D0205-BSD1	Dimoxystrobin	105	60-140	
4/2/21	4/2/21	21D0205-BS1	Dinotefuran	109	60-140	
4/2/21	4/2/21	21D0205-BSD1	Dinotefuran	105	60-140	
4/2/21	4/2/21	21D0205-BS1	Epoxiconazole	101	60-140	
4/2/21	4/2/21	21D0205-BSD1	Epoxiconazole	99	60-140	
4/2/21	4/2/21	21D0205-BS1	Fluconazole	103	60-140	
4/2/21	4/2/21	21D0205-BSD1	Fluconazole	97	60-140	
4/2/21	4/2/21	21D0205-BS1	Fludioxonil	109	60-140	



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Report Number: P210354

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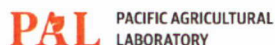
Blank Spike Data

Matrix: water

Extraction Date	Analysis Date	Batch QC Sample #	Analyte	% Recovery	Expected % Recovery	Notes
4/2/21	4/2/21	21D0205-BSD1	Fludioxonil	110	60-140	
4/2/21	4/2/21	21D0205-BS1	Fluoxastrobin	112	60-140	
4/2/21	4/2/21	21D0205-BSD1	Fluoxastrobin	108	60-140	
4/2/21	4/2/21	21D0205-BS1	Imidacloprid	122	60-140	
4/2/21	4/2/21	21D0205-BSD1	Imidacloprid	108	60-140	
4/2/21	4/2/21	21D0205-BS1	Ipconazole	101	60-140	
4/2/21	4/2/21	21D0205-BSD1	Ipconazole	101	60-140	
4/2/21	4/2/21	21D0205-BS1	Isavuconazole	97	60-140	
4/2/21	4/2/21	21D0205-BSD1	Isavuconazole	100	60-140	
4/2/21	4/2/21	21D0205-BS1	Itraconazole	103	60-140	
4/2/21	4/2/21	21D0205-BSD1	Itraconazole	101	60-140	
4/2/21	4/2/21	21D0205-BS1	Mefenoxam	105	60-140	
4/2/21	4/2/21	21D0205-BSD1	Mefenoxam	108	60-140	
4/2/21	4/2/21	21D0205-BS1	Metconazole	104	60-140	
4/2/21	4/2/21	21D0205-BSD1	Metconazole	104	60-140	
4/2/21	4/2/21	21D0205-BS1	Nitenpyram	107	60-140	
4/2/21	4/2/21	21D0205-BSD1	Nitenpyram	104	60-140	
4/2/21	4/2/21	21D0205-BS1	Orysastrobin	102	60-140	
4/2/21	4/2/21	21D0205-BSD1	Orysastrobin	101	60-140	
4/2/21	4/2/21	21D0205-BS1	Picoxystrobin	96	60-140	
4/2/21	4/2/21	21D0205-BSD1	Picoxystrobin	104	60-140	
4/2/21	4/2/21	21D0205-BS1	Posaconazole	108	60-140	
4/2/21	4/2/21	21D0205-BSD1	Posaconazole	95	60-140	
4/2/21	4/2/21	21D0205-BS1	Propiconazole	100	60-140	
4/2/21	4/2/21	21D0205-BSD1	Propiconazole	102	60-140	
4/2/21	4/2/21	21D0205-BS1	Prothioconazole	90	60-140	
4/2/21	4/2/21	21D0205-BSD1	Prothioconazole	100	60-140	
4/2/21	4/2/21	21D0205-BS1	Pyraclostrobin	106	60-140	
4/2/21	4/2/21	21D0205-BSD1	Pyraclostrobin	92	60-140	
4/2/21	4/2/21	21D0205-BS1	Ravuconazole	100	60-140	
4/2/21	4/2/21	21D0205-BSD1	Ravuconazole	104	60-140	
4/2/21	4/2/21	21D0205-BS1	Tebuconazole	102	60-140	
4/2/21	4/2/21	21D0205-BSD1	Tebuconazole	105	60-140	
4/2/21	4/2/21	21D0205-BS1	Tetraconazole	101	60-140	
4/2/21	4/2/21	21D0205-BSD1	Tetraconazole	104	60-140	
4/2/21	4/2/21	21D0205-BS1	Thiabendazole	101	60-140	
4/2/21	4/2/21	21D0205-BSD1	Thiabendazole	101	60-140	
4/2/21	4/2/21	21D0205-BS1	Thiacloprid	109	60-140	
4/2/21	4/2/21	21D0205-BSD1	Thiacloprid	106	60-140	
4/2/21	4/2/21	21D0205-BS1	Thiamethoxam	105	60-140	
4/2/21	4/2/21	21D0205-BSD1	Thiamethoxam	102	60-140	
4/2/21	4/2/21	21D0205-BS1	Thiophanate methyl	108	60-140	
4/2/21	4/2/21	21D0205-BSD1	Thiophanate methyl	107	60-140	

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Nebraska Department of Environment and Energy

P.O. Box 98922

Lincoln, NE 68509-8922

Blank Spike Data

Matrix: water

Report Number: P210354

Report Date: April 06, 2021

Client Project ID: 22678

Extraction Date	Analysis Date	Batch QC Sample #	Analyte	% Recovery	Expected % Recovery	Notes
4/2/21	4/2/21	21D0205-BS1	Trifloxystrobin	107	60-140	
4/2/21	4/2/21	21D0205-BSD1	Trifloxystrobin	107	60-140	
4/2/21	4/2/21	21D0205-BS1	Uniconazole	94	60-140	
4/2/21	4/2/21	21D0205-BSD1	Uniconazole	104	60-140	
4/2/21	4/2/21	21D0205-BS1	Voriconazole	105	60-140	
4/2/21	4/2/21	21D0205-BSD1	Voriconazole	103	60-140	

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SAMPDATA

[illegible]

SAMPDATA

[illegible]

SAMPDATA

[illegible]

SAMPDATA

[illegible]

SAMPDATA

PREPDATE	ANALYSIS DATE	BATCH	METHOD CODE	METHOD NAME	PREP NAME	ANALYTE	CAS NUMBER	SURROGATE
04/01/2021	04/02/2021	21D0109	LC/MS Gly	LC-MS/MS	Direct injec	AMPA	1066-51-9	FALSE
04/01/2021	04/02/2021	21D0109	LC/MS Gly	LC-MS/MS	Direct injec	Glyphosate	1071-83-6	FALSE
04/01/2021	04/02/2021	21D0109	LC/MS Gly	LC-MS/MS	Direct injec	Glufosinate	77182-82-2	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Abamectin	71751-41-2	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Cyprocona	94361-06-5	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Difenocona	119446-68	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Dimoxystro	149961-52	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Dinotefura	165252-70	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Epoxiconaz	133855-98	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Fluconazol	8638673-4	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Fludioxonil	131341-86	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Fluoxastro	361377-29	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Imidaclopr	138261-41	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Ipconazole	125225-28	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Acetamipri	135410-20	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Isavuconaz	241479-67	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Itraconazol	84625-61-6	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Mefenoxan	70630-17-0	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Metconazo	125116-23	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Nitenpyram	120738-89	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Orysastrob	248593-16	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Picoxystro	117428-22	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Posaconaz	171228-49	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Propiconaz	75881-82-2	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Prothiocon	178928-70	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Azoxystrob	131860-33	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Pyraclostro	175013-18	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Ravuconaz	182760-06	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Tebuconaz	107534-96	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Tetraconaz	112281-77	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Thiabendaz	148-79-8	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Thiacloprid	111988-49	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Thiametho	153719-23	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Thiophana	23564-05-8	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Trifloxystro	141517-21	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Uniconazo	83657-22-7	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Brassinazo	224047-41	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Voriconazo	137234-62	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Carbendaz	10605-21-7	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Carboxin	5234-68-4	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Chlorantra	500008-45	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Clothianidi	210880-92	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	Cyantranili	736994-63	FALSE
04/02/2021	04/02/2021	21D0205	LC/MS Net	Modified E	Direct injec	TPP-d15	1173020-3	TRUE
04/01/2021	04/02/2021	21D0109	LC/MS Gly	LC-MS/MS	Direct injec	AMPA	1066-51-9	FALSE
04/01/2021	04/02/2021	21D0109	LC/MS Gly	LC-MS/MS	Direct injec	Glyphosate	1071-83-6	FALSE
04/01/2021	04/02/2021	21D0109	LC/MS Gly	LC-MS/MS	Direct injec	Glufosinate	77182-82-2	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Abamectin	71751-41-2	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Cyprocona	94361-06-5	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Difenocona	119446-68	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Dimoxystro	149961-52	FALSE

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04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Dinotefurar	165252-70	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Epoxiconaz	133855-98	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Fluconazol	8638673-4	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Fludioxonil	131341-86	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Fluoxastrol	361377-29	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Imidaclopr	138261-41	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Ipconazole	125225-28	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Acetamipri	135410-20	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Isavuconaz	241479-67	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Itraconazol	84625-61-6	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Mefenoxan	70630-17-6	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Metconazo	125116-23	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Nitenpyran	120738-89	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Orysastrob	248593-16	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Picoxystro	117428-22	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Posaconaz	171228-49	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Propiconaz	75881-82-2	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Prothiocon	178928-70	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Azoxystrob	131860-33	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Pyraclostro	175013-18	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Ravuconaz	182760-06	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Tebuconaz	107534-96	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Tetraconaz	112281-77	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Thiabenda	148-79-8	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Thiacloprid	111988-49	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Thiametho	153719-23	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Thiophana	23564-05-8	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Trifloxystro	141517-21	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Uniconazo	83657-22-7	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Brassinazo	224047-41	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Voriconazo	137234-62	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Carbendaz	10605-21-7	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Carboxin	5234-68-4	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Chlorantra	500008-45	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Clothianidi	210880-92	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Cyantranili	736994-63	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	TPP-d15	1173020-3	TRUE
04/01/2021	04/02/2021	21D0109	LC/MS Gly	LC-MS/MS	Direct injec	AMPA	1066-51-9	FALSE
04/01/2021	04/02/2021	21D0109	LC/MS Gly	LC-MS/MS	Direct injec	Glyphosate	1071-83-6	FALSE
04/01/2021	04/02/2021	21D0109	LC/MS Gly	LC-MS/MS	Direct injec	Glufosinate	77182-82-2	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Abamectin	71751-41-2	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Cyprocona	94361-06-5	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Difenocona	119446-68	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Dimoxystro	149961-52	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Dinotefurar	165252-70	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Epoxiconaz	133855-98	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Fluconazol	8638673-4	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Fludioxonil	131341-86	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Fluoxastrol	361377-29	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Imidaclopr	138261-41	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Ipconazole	125225-28	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Acetamipri	135410-20	FALSE

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04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Isavuconaz	241479-67	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Itraconazol	84625-61-6	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Mefenoxan	70630-17-0	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Metconazo	125116-23	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Nitenpyran	120738-89	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Orysastrob	248593-16	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Picoxystro	117428-22	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Posaconaz	171228-49	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Propiconaz	75881-82-2	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Prothiocon	178928-70	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Azoxystrob	131860-33	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Pyraclostro	175013-18	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Ravuconaz	182760-06	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Tebuconaz	107534-96	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Tetraconaz	112281-77	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Thiabenda	148-79-8	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Thiacloprid	111988-49	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Thiametho	153719-23	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Thiophana	23564-05-8	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Trifloxystro	141517-21	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Uniconazol	83657-22-7	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Brassinaz	224047-41	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Voriconaz	137234-62	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Carbendaz	10605-21-7	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Carboxin	5234-68-4	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Chlorantra	500008-45	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Clothianid	210880-92	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Cyantranili	736994-63	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	TPP-d15	1173020-3	TRUE
04/01/2021	04/02/2021	21D0109	LC/MS Gly	LC-MS/MS	Direct injec	AMPA	1066-51-9	FALSE
04/01/2021	04/02/2021	21D0109	LC/MS Gly	LC-MS/MS	Direct injec	Glyphosate	1071-83-6	FALSE
04/01/2021	04/02/2021	21D0109	LC/MS Gly	LC-MS/MS	Direct injec	Glufosinate	77182-82-2	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Abamectin	71751-41-2	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Cyprocona	94361-06-5	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Difenocon	119446-68	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Dimoxystro	149961-52	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Dinotefura	165252-70	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Epoxiconaz	133855-98	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Fluconazol	8638673-4	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Fludioxonil	131341-86	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Fluoxastrol	361377-29	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Imidaclopr	138261-41	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Ipconazole	125225-28	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Acetamipri	135410-20	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Isavuconaz	241479-67	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Itraconazol	84625-61-6	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Mefenoxan	70630-17-0	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Metconazo	125116-23	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Nitenpyran	120738-89	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Orysastrob	248593-16	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Picoxystro	117428-22	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Posaconaz	171228-49	FALSE

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04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Propiconaz	75881-82-2	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Prothiocon	178928-70	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Azoxystrob	131860-33	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Pyraclostro	175013-18	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Ravuconaz	182760-06	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Tebuconaz	107534-96	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Tetraconaz	112281-77	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Thiabenda	148-79-8	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Thiacloprid	111988-49	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Thiametho	153719-23	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Thiophana	23564-05-6	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Trifloxystro	141517-21	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Uniconazo	83657-22-7	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Brassinazo	224047-41	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Voriconazo	137234-62	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Carbendaz	10605-21-7	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Carboxin	5234-68-4	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Chlorantra	500008-45	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Clothianidi	210880-92	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	Cyantranili	736994-63	FALSE
04/02/2021	04/03/2021	21D0205	LC/MS Net	Modified E	Direct injec	TPP-d15	1173020-3	TRUE

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