

Massachusetts Pesticide Analysis Laboratory

Morrill 1 N441
637 North Pleasant Street
University of Massachusetts
Amherst, MA 01003-0230
Phone: 413-545-4369

Curtis Best

CMMCP

Report of Analysis

Reviewed and Approved by:

Jeffery Doherty,
Laboratory Manager

Massachusetts Pesticide Analysis Laboratory

Morrill 1 N441
637 North Pleasant Street
University of Massachusetts
Amherst, MA 01003-0230

Report Date: 6/19/2020
Project: Spinosad mosquito control trial
Container: 500mL amber glass
Preservation: 4°C storage
Matrix: water

Sampled: 5/22/2020
Received: 5/22/2020
Extracted: 5/22/2020
Analyzed: 6/10/2020
Analysts: SAS/NIA

Analysis description: surface water analysis for spinosad residues.

RESULTS		
<u>Sample ID</u>	<u>MPAL#</u>	<u>Parameter</u> <u>Spinosad (as total of two isomers A&D) (ppb¹)</u>
TS1-IN	20MC543	ND ²
TS1-OUT	20MC544	ND
TS2-IN	20MC545	ND
TS2-OUT	20MC546	ND
TS3-IN	20MC547	ND
TS3-OUT	20MC548	ND
TS4-IN	20MC549	ND
TS4-OUT	20MC550	ND

Notes:

ppb¹= µg/L

ND²= not detected. The limit of detection was 0.004 µg/L (ppb).

Massachusetts Pesticide Analysis Laboratory

Morrill 1 N441
637 North Pleasant Street
University of Massachusetts
Amherst, MA 01003-0230

Report Date: 6/19/2020
Project: Spinosad mosquito control trial
Container: 500mL amber glass
Preservation: 4°C storage
Matrix: water

Sampled: 5/28/2020
Received: 5/29/2020
Extracted: 5/29/2020
Analyzed: 6/10/2020
Analysts: SAS/NIA

Analysis description: surface water analysis for spinosad residues.

		RESULTS
<u>Sample ID</u>	<u>MPAL#</u>	<u>Parameter</u> <u>Spinosad (as total of two isomers A&D) (ppb¹)</u>
T1-IN-52820	20MC583	ND ²
T1-OUT-52820	20MC584	2.660 ppb
T2-IN-52820	20MC585	ND
T2-OUT-52820	20MC586	0.012 ppb
T3-IN-52820	20MC587	ND
T3-OUT-52820	20MC588	ND
T4-IN-52820	20MC589	ND
T4-OUT-52820	20MC590	ND

Notes:

ppb¹= µg/L

ND²= not detected. The limit of detection was 0.004 µg/L (ppb).

Massachusetts Pesticide Analysis Laboratory

Morrill 1 N441
637 North Pleasant Street
University of Massachusetts
Amherst, MA 01003-0230

Report Date: 6/19/2020
Project: Spinosad mosquito control trial
Container: 500mL amber glass
Preservation: 4°C storage
Matrix: water

Sampled: 6/04/2020
Received: 6/05/2020
Extracted: 6/05/2020
Analyzed: 6/10/2020
Analysts: SAS/NIA

Analysis description: surface water analysis for spinosad residues.

RESULTS		
<u>Sample ID</u>	<u>MPAL#</u>	<u>Parameter</u> <u>Spinosad (as total of two isomers A&D) (ppb¹)</u>
T-1-in-6420	20MC617	0.115 ppb
T-1-out-6420	20MC618	1.780 ppb
T-2-in-6420	20MC619	0.022 ppb
T-2-out-6420	20MC620	2.630 ppb

Notes:

ppb¹= µg/L

Massachusetts Pesticide Analysis Laboratory

Morrill 1 N441
637 North Pleasant Street
University of Massachusetts
Amherst, MA 01003-0230

Report Date: 6/19/2020
Project: Spinosad mosquito control trial
Container: 500mL amber glass
Preservation: 4°C storage
Matrix: water

Sampled: 6/12/2020
Received: 6/12/2020
Extracted: 6/12/2020
Analyzed: 6/14/2020
Analysts: SAS/NIA

Analysis description: surface water analysis for spinosad residues.

RESULTS		
<u>Sample ID</u>	<u>MPAL#</u>	<u>Parameter</u> <u>Spinosad (as total of two isomers A&D) (ppb¹)</u>
T-1-in	20MC633	0.056 ppb
T-1-out	20MC634	1.056 ppb
T-2-in	20MC635	ND ²
T-2-out	20MC636	0.540 ppb

Notes:

ppb¹= µg/L

ND²= not detected. The limit of detection was 0.004 µg/L (ppb).

Massachusetts Pesticide Analysis Laboratory

Morrill 1 N441
637 North Pleasant Street
University of Massachusetts
Amherst, MA 01003-0230

Report Date: 6/22/2020
Project: Spinosad mosquito control trial
Container: 500mL amber glass
Preservation: 4°C storage
Matrix: water

Sampled: 6/19/2020
Received: 6/19/2020
Extracted: 6/19/2020
Analyzed: 6/22/2020
Analysts: SAS/NIA

Analysis description: surface water analysis for spinosad residues.

RESULTS		
<u>Sample ID</u>	<u>MPAL#</u>	<u>Parameter</u> <u>Spinosad (as total of two isomers A&D) (ppb¹)</u>
T-1 in	20MC656	ND ²
T-1-out	20MC657	0.062 ppb
T-2-in	20MC658	ND
T-2-out	20MC659	0.139 ppb

Notes:

ppb¹= µg/L

ND²= not detected. The limit of detection was 0.004 µg/L (ppb).