

PREE Laboratories - North
14625 SE 82nd Dr. Suite A, Clackamas, OR 97015
503-954-2562 / OLCC 010-10219583711 / www.PREELab.com

Sapphire Kush
Simply Sol LLC
330-1079633IHH



Confident Cannabis ID: 2310ELP0067.2581

Sample ID: P230686-01

Matrix: Hemp

METRC Batch #: 1A4010500046885000000435

Sampling Method/SOP: FSOP #101

Date Sampled: 10/24/2023 10:00:00AM

Date Accepted: 10/24/23

Harvest/Process Lot ID: Mainfield 1-2023-002

Batch ID: Mainfield 1-2023-002

Batch Size (g): 22679.6

Unit for Sale:

Harvest/Production Date: 9/4/23

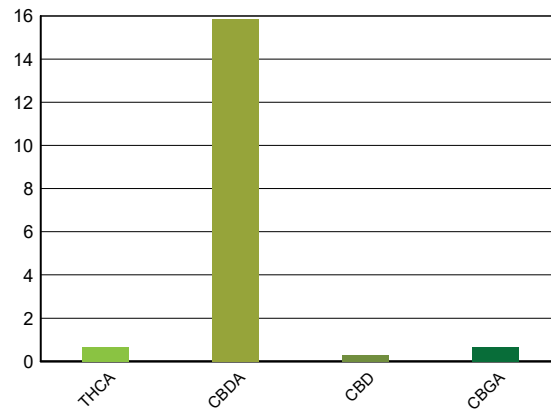
Cannabinoid Analysis

Date/Time Extracted: 10/26/23 07:55
Date/Time Analyzed: 10/26/23 19:16

Analysis Method/SOP: SOP.T.40.023

Cannabinoids	LOQ(%)	mg/g	% weight	Cannabinoid Profile
Total THC ((THCA*0.877)+Δ9THC)		5.66	0.566	
Total CBD ((CBDA*0.877)+CBD)		142.12	14.212	

THCA	0.050	6.45	0.645
delta 9-THC	0.050	< LOQ	< LOQ
delta 8-THC	0.050	< LOQ	< LOQ
THCV	0.050	< LOQ	< LOQ
CBGA	0.050	6.42	0.642
CBDA	0.050	158.64	15.864
CBD	0.050	2.99	0.299
CBDV	0.050	< LOQ	< LOQ
CBN	0.050	< LOQ	< LOQ
CBG	0.050	< LOQ	< LOQ
CBC	0.050	< LOQ	< LOQ
THCV-A	0.050	< LOQ	< LOQ
CBDV-A	0.050	< LOQ	< LOQ
CBCA	0.050	< LOQ	< LOQ
Sum of tested Cannabinoids	0.050	174.52	17.452



Moisture Content

Date/Time Analyzed: 10/27/23 10:07
Analysis Method/SOP: SOP.T.40.010

Moisture: 12.4 %

Water Activity

Date/Time Analyzed: 10/26/23 00:00
Analysis Method/SOP: SOP.T.40.011

Water Activity: 0.584 aw

"Total THC" and "Total CBD" are calculated values and are an Oregon reporting requirement (OAR 333-064-0100). For Cannabinoid analysis, only delta 9-THC, delta 8-THC, THCA, CBD and CBDA are ORELAP accredited analytes. Cannabinoid values reported for plant matter are dry weight corrected; Oregon Water Activity action level is 0.65Aw and Oregon Moisture Content action level is 15%. Samples above limit will be highlighted RED; FD = Field Duplicate; LOQ = Limit of Quantitation.

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1A4010500046885000000435

Date Sampled: 10/24/23 10:00

Date Accepted: 10/24/23

Batch ID: Mainfield 1-2023-002

Batch Size: 22679.6

Sampling Method/SOP: SOP.T.20.010

Pesticides

Date/Time Extracted: 10/30/23 09:11

Date/Time Analyzed: 10/30/2023 10:45:00PM

Analysis Method/SOP: SOP.T.40.050 / SOP.T.40.051

Sample extracted and analyzed at PREE Lab - North

Analyte	LOQ	Action Level	Result	Units	Type
Abamectin	0.200	0.5	< LOQ	ppm	
Acephate	0.200	0.4	< LOQ	ppm	Organophosphate insecticide
Acequinocyl	1.00	2	< LOQ	ppm	
Acetamiprid	0.100	0.2	< LOQ	ppm	Neonicotinoid insecticide
Aldicarb	0.200	0.4	< LOQ	ppm	Carbamate insecticide
Azoxystrobin	0.100	0.2	< LOQ	ppm	
Bifenazate	0.100	0.2	< LOQ	ppm	Unclassified insecticide
Bifenthrin	0.100	0.2	< LOQ	ppm	
Boscalid	0.200	0.4	< LOQ	ppm	Anilide fungicide
Carbaryl	0.100	0.2	< LOQ	ppm	Carbamate insecticide
Carbofuran	0.100	0.2	< LOQ	ppm	Carbamate insecticide
Chlorantraniliprole	0.100	0.2	< LOQ	ppm	Anthranilic diamide insecticide
Chlorfenapyr	0.400	1	< LOQ	ppm	Pyrazole insecticide
Chlorpyrifos	0.100	0.2	< LOQ	ppm	Organophosphate insecticide
Clofentezine	0.100	0.2	< LOQ	ppm	
Cyfluthrin	0.400	1	< LOQ	ppm	
Cypermethrin	0.400	1	< LOQ	ppm	
Daminozide	0.400	1	< LOQ	ppm	
DDVP (Dichlorvos)	0.400	1	< LOQ	ppm	
Diazinon	0.100	0.2	< LOQ	ppm	Organophosphate insecticide
Dimethoate	0.100	0.2	< LOQ	ppm	
Ethoprophos	0.100	0.2	< LOQ	ppm	
Etofenprox	0.200	0.4	< LOQ	ppm	
Etoxazole	0.100	0.2	< LOQ	ppm	Unclassified miticide
Fenoxycarb	0.100	0.2	< LOQ	ppm	
Fenpyroximate	0.200	0.4	< LOQ	ppm	
Fipronil	0.200	0.4	< LOQ	ppm	Pyrazole insecticide
Flonicamid	0.400	1	< LOQ	ppm	Pyridinecarboxamide insecticide
Fludioxonil	0.200	0.4	< LOQ	ppm	non-systemic fungicide
Hexythiazox	0.400	1	< LOQ	ppm	
Imazalil	0.100	0.2	< LOQ	ppm	Azole fungicide
Imidacloprid	0.200	0.4	< LOQ	ppm	Neonicotinoid insecticide
Kresoxim-methyl	0.200	0.4	< LOQ	ppm	
Malathion	0.100	0.2	< LOQ	ppm	
Metalaxyl	0.100	0.2	< LOQ	ppm	
Methiocarb	0.100	0.2	< LOQ	ppm	Carbamate insecticide
Methomyl	0.200	0.4	< LOQ	ppm	Carbamate insecticide



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Date Accepted: 10/24/23

Batch ID: Mainfield 1-2023-002

Batch Size: 22679.6

Sampling Method/SOP: SOP.T.20.010

Pesticides

Date/Time Extracted: 10/30/23 09:11

Date/Time Analyzed: 10/30/2023 10:45:00PM

Analysis Method/SOP: SOP.T.40.050 / SOP.T.40.051

Sample extracted and analyzed at PREE Lab - North

Analyte	LOQ	Action Level	Result	Units	Type
Methyl parathion	0.100	0.2	< LOQ	ppm	
MGK-264	0.100	0.2	< LOQ	ppm	
Myclobutanil	0.100	0.2	< LOQ	ppm	Azole fungicide
Naled	0.200	0.5	< LOQ	ppm	
Oxamyl	0.400	1	< LOQ	ppm	Carbamate insecticide
Paclobutrazol	0.200	0.4	< LOQ	ppm	Azole plant growth regulator
Permethrins	0.100	0.2	< LOQ	ppm	
Phosmet	0.100	0.2	< LOQ	ppm	Organophosphate insecticide
Piperonyl butoxide	1.00	2	< LOQ	ppm	
Prallethrin	0.100	0.2	< LOQ	ppm	
Propiconazole	0.200	0.4	< LOQ	ppm	
Propoxur	0.100	0.2	< LOQ	ppm	Carbamate insecticide
Pyrethrins	0.400	1	< LOQ	ppm	
Pyridaben	0.100	0.2	< LOQ	ppm	Unclassified insecticide
Spinosad	0.100	0.2	< LOQ	ppm	Spinosyn insecticide
Spiromesifen	0.100	0.2	< LOQ	ppm	Keto-enol insecticide
Spirotetramat	0.100	0.2	< LOQ	ppm	Keto-enol insecticide
Spiroxamine	0.200	0.4	< LOQ	ppm	Unclassified fungicide
Tebuconazole	0.200	0.4	< LOQ	ppm	
Thiacloprid	0.100	0.2	< LOQ	ppm	
Thiamethoxam	0.100	0.2	< LOQ	ppm	Neonicotinoid insectide
Trifloxystrobin	0.100	0.2	< LOQ	ppm	Strobin fungicide

Results above the action level fail Oregon state testing requirements and will be highlighted **RED**.

LOQ= Limit of Quantitation; PPM= Parts per million; ND= Not detected; NT= Not tested; AC= Above calibration range. PASS/FAIL status based on OAR 333-007.



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Sample ID: P230686-01

Matrix: Hemp

METRC Batch #:

1A40105000468850000000435

Date Sampled: 10/24/23 10:00

Date Accepted: 10/24/23

Batch ID: Mainfield 1-2023-002

Batch Size: 22679.6

Sampling Method/SOP: SOP.T.20.010

Microbial Analysis

Date/Time Extracted: 10/30/23 09:39

Date/Time Analyzed: 10/31/2023 12:22:59PM

Analysis Method/SOP: LSOP #310

Sample extracted and analyzed at PREE Lab - South

Analyte	Result	Units	Pass/Fail
Salmonella spp.	Absent	/g	PASS
STEC E. coli	Absent	/g	PASS

Analytical instrumentation: Thomas Scientific Applied Biosystem qPCR located at PREE Lab - South



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Sample ID: P230686-01

Matrix: Hemp

METRC Batch #:

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Date Sampled: 10/24/23 10:00

Date Accepted: 10/24/23

Batch ID: Mainfield 1-2023-002

Batch Size: 22679.6

Sampling Method/SOP: SOP.T.20.010

Heavy Metals Analysis

Date Extracted: 10/26/23

Date Analyzed: 10/26/23

Analysis Method/SOP: LSOP #309

Sample extracted and analyzed at PREE Lab - South

Analyte	LOQ (ug/g)	Action Level (ug/g)	Result (ug/g)
Mercury	0.0400	0.1	ND
Lead	0.160	0.5	ND
Cadmium	0.0800	0.2	ND
Arsenic	0.0800	0.2	ND

LOQ= Limit of Quantitation; ND= Not Detected;
The reported result is based on sample weight for this sample;
Analytical instrumentation: Agilent 7850 ICP-MS located at PREE Lab - South



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Matrix: Hemp

METRC Batch #:

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Date Sampled: 10/24/23 10:00

Date Accepted: 10/24/23

Batch ID: Mainfield 1-2023-002

Batch Size: 22679.6

Sampling Method/SOP: SOP.T.20.010

Mycotoxins

Date Extracted: 10/30/23

Date Analyzed: 10/30/23

Analysis Method/SOP: SOP.T.40.080

Sample extracted and analyzed at PREE Lab - North

Analyte	LOQ (ug/g)	Action Level	Result (ug/g)
Total Aflatoxins	0.0100	0.02	ND
Ochratoxin A	0.0100	0.02	ND
Aflatoxin G2	0.0100	0.02	ND
Aflatoxin G1	0.0100	0.02	ND
Aflatoxin B2	0.0100	0.02	ND
Aflatoxin B1	0.0100	0.02	ND

LOQ= Limit of Quantitation; ND= Not Detected;
The reported result is based on sample weight for this sample;
Analytical instrumentation: Perkin Elemer Qsight LX50



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Quality Control

Batch: C23J136 - LSOP #309 Heavy Metal Quantification

Blank(C23J136-BLK1)			Extracted: 10/26/23 08:04			Analyzed: 10/26/23 13:22		
Analyte	Result	LOQ	Recovery Limits	Notes	Analyte	Result	LOQ	Recovery Limits
Arsenic	< LOQ	0.0800 (ug/g)	< LOQ		Lead	< LOQ	0.160 (ug/g)	< LOQ
Mercury	< LOQ	0.0400 (ug/g)	< LOQ		Cadmium	< LOQ	0.0800 (ug/g)	< LOQ

LCS(C23J136-BS1)			Extracted: 10/26/23 08:04			Analyzed: 10/26/23 13:26		
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits
Arsenic	94.3	0.0800 (ug/g)	80-115		Lead	100	0.160 (ug/g)	80-115
Mercury	98.2	0.0400 (ug/g)	80-115		Cadmium	93.6	0.0800 (ug/g)	80-115

LCS Dup(C23J136-BSD1)			Extracted: 10/26/23 08:04			Analyzed: 10/26/23 15:01		
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits
Arsenic	95.2	0.0800 (ug/g)	80-115		Lead	101	0.160 (ug/g)	80-115
Mercury	99.3	0.0400 (ug/g)	80-115		Cadmium	96.1	0.0800 (ug/g)	80-115

Batch: C23J145 - LSOP #310 Microbial Analysis

Blank(C23J145-BLK1)			Extracted: 10/30/23 09:39			Analyzed: 10/31/23 12:22		
Analyte	Result	LOQ	Recovery Limits	Notes	Analyte	Result	LOQ	Recovery Limits
STEC E. coli	Absent	0.500 (/g)	< LOQ		Salmonella spp.	Absent	0.500 (/g)	< LOQ

Reference(C23J145-SRM1)			Extracted: 10/30/23 09:39			Analyzed: 10/31/23 12:22		
Analyte	Result	LOQ	Recovery Limits	Notes	Analyte	Result	LOQ	Recovery Limits
STEC E. coli	Present	(/g)	100-100		Salmonella spp.	Present	(/g)	100-100

Batch: P23J093 - SOP.T.30.050PDX Prep for Cannabinoids

Blank(P23J093-BLK1)			Extracted: 10/26/23 07:55			Analyzed: 10/26/23 15:08		
Analyte	Result	LOQ	Recovery Limits	Notes	Analyte	Result	LOQ	Recovery Limits
THCA	< LOQ	0.050 (%)	< LOQ		delta 9-THC	< LOQ	0.050 (%)	< LOQ
delta 8-THC	< LOQ	0.050 (%)	< LOQ		THCV-A	< LOQ	0.050 (%)	< LOQ
THCV	< LOQ	0.050 (%)	< LOQ		CBDA	< LOQ	0.050 (%)	< LOQ
CBD	< LOQ	0.050 (%)	< LOQ		CBDV-A	< LOQ	0.050 (%)	< LOQ
CBDV	< LOQ	0.050 (%)	< LOQ		CBG	< LOQ	0.050 (%)	< LOQ
CBGA	< LOQ	0.050 (%)	< LOQ		CBN	< LOQ	0.050 (%)	< LOQ
CBCA	< LOQ	0.050 (%)	< LOQ		CBC	< LOQ	0.050 (%)	< LOQ
Sum of tested Cannabinoids	< LOQ	0.050 (%)	< LOQ					

LCS(P23J093-BS1)			Extracted: 10/26/23 07:55			Analyzed: 10/26/23 15:23		
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits
THCA	104	0.050 (%)	90-110		delta 9-THC	109	0.050 (%)	90-110
delta 8-THC	102	0.050 (%)	90-110		CBDA	103	0.050 (%)	90-110



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Quality Control

Batch: P23J093 - SOP.T.30.050PDX Prep for Cannabinoids (Continued)

LCS(P23J093-BS1)			Extracted: 10/26/23 07:55			Analyzed: 10/26/23 15:23		
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits
CBD	106	0.050 (%)	90-110					

Batch: P23J094 - SOP.T.40.010 Moisture Content

Blank(P23J094-BLK1)			Extracted: 10/27/23 10:07			Analyzed: 10/27/23 10:07		
Analyte	Result	LOQ	Recovery Limits	Notes	Analyte	Result	LOQ	Recovery Limits
Percent Moisture	100	(%)	< LOQ					

Batch: P23J101 - SOP.T.30.060 Pesticide Prep

Blank(P23J101-BLK1)			Extracted: 10/30/23 09:11			Analyzed: 10/30/23 17:09		
Analyte	Result	LOQ	Recovery Limits	Notes	Analyte	Result	LOQ	Recovery Limits
Methyl parathion	< LOQ	0.100 (ppm)	< LOQ		Ochratoxin A	< LOQ	0.0100 (ppm)	< LOQ
Aflatoxin G2	< LOQ	0.0100 (ppm)	< LOQ		MGK-264	< LOQ	0.100 (ppm)	< LOQ
Aflatoxin G1	< LOQ	0.0100 (ppm)	< LOQ		Chlorfenapyr	< LOQ	0.400 (ppm)	< LOQ
Aflatoxin B2	< LOQ	0.0100 (ppm)	< LOQ		Cyfluthrin	< LOQ	0.400 (ppm)	< LOQ
Aflatoxin B1	< LOQ	0.0100 (ppm)	< LOQ		Cypermethrin	< LOQ	0.400 (ppm)	< LOQ
Abamectin	< LOQ	0.200 (ppm)	< LOQ		Total Aflatoxins	< LOQ	0.0100 (ppm)	< LOQ
Acephate	< LOQ	0.200 (ppm)	< LOQ		Acequinocyl	< LOQ	1.00 (ppm)	< LOQ
Acetamiprid	< LOQ	0.100 (ppm)	< LOQ		Aldicarb	< LOQ	0.200 (ppm)	< LOQ
Azoxystrobin	< LOQ	0.100 (ppm)	< LOQ		Bifenazate	< LOQ	0.100 (ppm)	< LOQ
Bifenthrin	< LOQ	0.100 (ppm)	< LOQ		Boscalid	< LOQ	0.200 (ppm)	< LOQ
Carbaryl	< LOQ	0.100 (ppm)	< LOQ		Carbofuran	< LOQ	0.100 (ppm)	< LOQ
Chlorantraniliprole	< LOQ	0.100 (ppm)	< LOQ		Chlorpyrifos	< LOQ	0.100 (ppm)	< LOQ
Clofentezine	< LOQ	0.100 (ppm)	< LOQ		Daminozide	< LOQ	0.400 (ppm)	< LOQ
DDVP (Dichlorvos)	< LOQ	0.400 (ppm)	< LOQ		Diazinon	< LOQ	0.100 (ppm)	< LOQ
Dimethoate	< LOQ	0.100 (ppm)	< LOQ		Ethoprophos	< LOQ	0.100 (ppm)	< LOQ
Etofenprox	< LOQ	0.200 (ppm)	< LOQ		Etoxazole	< LOQ	0.100 (ppm)	< LOQ
Fenoxycarb	< LOQ	0.100 (ppm)	< LOQ		Fenpyroximate	< LOQ	0.200 (ppm)	< LOQ
Fipronil	< LOQ	0.200 (ppm)	< LOQ		Flonicamid	< LOQ	0.400 (ppm)	< LOQ
Fludioxonil	< LOQ	0.200 (ppm)	< LOQ		Hexythiazox	< LOQ	0.400 (ppm)	< LOQ
Imazalil	< LOQ	0.100 (ppm)	< LOQ		Imidacloprid	< LOQ	0.200 (ppm)	< LOQ
Kresoxim-methyl	< LOQ	0.200 (ppm)	< LOQ		Malathion	< LOQ	0.100 (ppm)	< LOQ
Metalaxyl	< LOQ	0.100 (ppm)	< LOQ		Methiocarb	< LOQ	0.100 (ppm)	< LOQ
Methomyl	< LOQ	0.200 (ppm)	< LOQ		Myclobutanil	< LOQ	0.100 (ppm)	< LOQ
Naled	< LOQ	0.200 (ppm)	< LOQ		Oxamyl	< LOQ	0.400 (ppm)	< LOQ
Paclobutrazol	< LOQ	0.200 (ppm)	< LOQ		Permethrins	< LOQ	0.100 (ppm)	< LOQ
Phosmet	< LOQ	0.100 (ppm)	< LOQ		Piperonyl butoxide	< LOQ	1.00 (ppm)	< LOQ
Prallethrin	< LOQ	0.100 (ppm)	< LOQ		Propiconazole	< LOQ	0.200 (ppm)	< LOQ
Propoxur	< LOQ	0.100 (ppm)	< LOQ		Pyridaben	< LOQ	0.100 (ppm)	< LOQ



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Quality Control

Batch: P23J101 - SOP.T.30.060 Pesticide Prep (Continued)

Blank(P23J101-BLK1)				Extracted: 10/30/23 09:11		Analyzed: 10/30/23 17:09			
Analyte	Result	LOQ	Recovery Limits	Notes	Analyte	Result	LOQ	Recovery Limits	Notes
Pyrethrins	< LOQ	0.400 (ppm)	< LOQ		Spinosad	< LOQ	0.100 (ppm)	< LOQ	
Spiromesifen	< LOQ	0.100 (ppm)	< LOQ		Spirotetramat	< LOQ	0.100 (ppm)	< LOQ	
Spiroxamine	< LOQ	0.200 (ppm)	< LOQ		Tebuconazole	< LOQ	0.200 (ppm)	< LOQ	
Thiacloprid	< LOQ	0.100 (ppm)	< LOQ		Thiamethoxam	< LOQ	0.100 (ppm)	< LOQ	
Trifloxystrobin	< LOQ	0.100 (ppm)	< LOQ						

LCS(P23J101-BS1)				Extracted: 10/30/23 09:11		Analyzed: 10/30/23 17:30			
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits	Notes
Methyl parathion	92.6	0.100 (ppm)	50-150		Ochratoxin A	95.3	0.0100 (ppm)	60-120	
Aflatoxin G2	96.1	0.0100 (ppm)	60-120		MGK-264	95.0	0.100 (ppm)	50-150	
Aflatoxin G1	93.4	0.0100 (ppm)	60-120		Chlorfenapyr	80.6	0.400 (ppm)	60-120	
Aflatoxin B2	99.7	0.0100 (ppm)	60-120		Cyfluthrin	91.8	0.400 (ppm)	50-150	
Aflatoxin B1	100	0.0100 (ppm)	60-120		Cypermethrin	88.5	0.400 (ppm)	50-150	
Abamectin	94.6	0.200 (ppm)	50-150		Acephate	90.8	0.200 (ppm)	60-120	
Acequinocyl	91.4	1.00 (ppm)	40-160		Acetamiprid	87.9	0.100 (ppm)	60-120	
Aldicarb	99.4	0.200 (ppm)	60-120		Azoxystrobin	86.9	0.100 (ppm)	60-120	
Bifenazate	87.4	0.100 (ppm)	60-120		Bifenthrin	87.2	0.100 (ppm)	50-150	
Boscalid	87.3	0.200 (ppm)	60-120		Carbaryl	98.6	0.100 (ppm)	60-120	
Carbofuran	95.8	0.100 (ppm)	60-120		Chlorantraniliprole	89.2	0.100 (ppm)	60-120	
Chlorpyrifos	89.4	0.100 (ppm)	60-120		Clofentezine	103	0.100 (ppm)	60-120	
Daminozide	106	0.400 (ppm)	60-120		DDVP (Dichlorvos)	84.9	0.400 (ppm)	60-120	
Diazinon	92.3	0.100 (ppm)	60-120		Dimethoate	94.5	0.100 (ppm)	60-150	
Ethoprophos	92.2	0.100 (ppm)	60-120		Etofenprox	87.5	0.200 (ppm)	50-150	
Etoxazole	81.8	0.100 (ppm)	60-120		Fenoxycarb	99.3	0.100 (ppm)	60-120	
Fenpyroximate	89.0	0.200 (ppm)	60-120		Fipronil	112	0.200 (ppm)	60-120	
Flonicamid	102	0.400 (ppm)	60-120		Fludioxonil	92.4	0.200 (ppm)	50-150	
Hexythiazox	96.1	0.400 (ppm)	60-120		Imazalil	83.4	0.100 (ppm)	60-120	
Imidacloprid	79.7	0.200 (ppm)	60-120		Kresoxim-methyl	85.8	0.200 (ppm)	60-120	
Malathion	93.5	0.100 (ppm)	60-120		Metalaxyl	87.0	0.100 (ppm)	60-120	
Methiocarb	98.9	0.100 (ppm)	60-120		Methomyl	96.4	0.200 (ppm)	60-120	
Myclobutanil	108	0.100 (ppm)	60-120		Naled	90.6	0.200 (ppm)	50-150	
Oxamyl	96.5	0.400 (ppm)	60-120		Paclobutrazol	113	0.200 (ppm)	60-120	
Permethrins	88.1	0.100 (ppm)	50-150		Phosmet	91.3	0.100 (ppm)	50-150	
Piperonyl butoxide	87.2	1.00 (ppm)	60-120		Prallethrin	96.9	0.100 (ppm)	60-120	
Propiconazole	98.8	0.200 (ppm)	60-120		Propoxur	95.4	0.100 (ppm)	60-120	
Pyridaben	84.5	0.100 (ppm)	60-120		Pyrethrins	89.6	0.400 (ppm)	60-120	
Spinosad	94.5	0.100 (ppm)	50-150		Spiromesifen	91.5	0.100 (ppm)	60-120	



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PREE Laboratories - North
14625 SE 82nd Dr. Suite A, Clackamas, OR 97015
503-954-2562 / OLCC 010-10219583711 / www.PREElab.com

Quality Control

Batch: P23J101 - SOP.T.30.060 Pesticide Prep (Continued)

LCS(P23J101-BS1)			Extracted: 10/30/23 09:11			Analyzed: 10/30/23 17:30		
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits
Spirotetramat	85.6	0.100 (ppm)	50-150		Spiroxamine	85.6	0.200 (ppm)	50-150
Tebuconazole	110	0.200 (ppm)	50-150		Thiacloprid	85.4	0.100 (ppm)	50-150
Thiamethoxam	89.9	0.100 (ppm)	50-150		Trifloxystrobin	86.0	0.100 (ppm)	50-150

LCS Dup(P23J101-BSD1)			Extracted: 10/30/23 09:11			Analyzed: 10/30/23 17:51		
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits
Methyl parathion	107	0.100 (ppm)	50-150		Ochratoxin A	89.1	0.0100 (ppm)	60-120
Aflatoxin G2	92.6	0.0100 (ppm)	60-120		MGK-264	106	0.100 (ppm)	50-150
Aflatoxin G1	99.1	0.0100 (ppm)	60-120		Chlorfenapyr	97.4	0.400 (ppm)	60-120
Aflatoxin B2	102	0.0100 (ppm)	60-120		Cyfluthrin	95.5	0.400 (ppm)	50-150
Aflatoxin B1	101	0.0100 (ppm)	60-120		Cypermethrin	90.3	0.400 (ppm)	50-150
Abamectin	88.1	0.200 (ppm)	50-150		Acephate	97.9	0.200 (ppm)	60-120
Acequinocyl	90.5	1.00 (ppm)	40-160		Acetamiprid	101	0.100 (ppm)	60-120
Aldicarb	101	0.200 (ppm)	60-120		Azoxystrobin	96.0	0.100 (ppm)	60-120
Bifenazate	98.8	0.100 (ppm)	60-120		Bifenthrin	95.5	0.100 (ppm)	50-150
Boscalid	95.3	0.200 (ppm)	60-120		Carbaryl	100	0.100 (ppm)	60-120
Carbofuran	100	0.100 (ppm)	60-120		Chlorantraniliprole	91.0	0.100 (ppm)	60-120
Chlorpyrifos	97.4	0.100 (ppm)	60-120		Clofentezine	105	0.100 (ppm)	60-120
Daminozide	107	0.400 (ppm)	60-120		DDVP (Dichlorvos)	96.0	0.400 (ppm)	60-120
Diazinon	101	0.100 (ppm)	60-120		Dimethoate	103	0.100 (ppm)	60-150
Ethoprophos	98.7	0.100 (ppm)	60-120		Etofenprox	95.7	0.200 (ppm)	50-150
Etoxazole	91.8	0.100 (ppm)	60-120		Fenoxycarb	103	0.100 (ppm)	60-120
Fenpyroximate	90.4	0.200 (ppm)	60-120		Fipronil	124	0.200 (ppm)	60-120 HIGH BIAS
Flonicamid	102	0.400 (ppm)	60-120		Fludioxonil	111	0.200 (ppm)	50-150
Hexythiazox	99.5	0.400 (ppm)	60-120		Imazalil	93.4	0.100 (ppm)	60-120
Imidacloprid	83.3	0.200 (ppm)	60-120		Kresoxim-methyl	99.2	0.200 (ppm)	60-120
Malathion	100	0.100 (ppm)	60-120		Metalaxyl	98.2	0.100 (ppm)	60-120
Methiocarb	105	0.100 (ppm)	60-120		Methomyl	98.7	0.200 (ppm)	60-120
Myclobutanil	119	0.100 (ppm)	60-120		Naled	99.0	0.200 (ppm)	50-150
Oxamyl	99.8	0.400 (ppm)	60-120		Paclobutrazol	126	0.200 (ppm)	60-120 HIGH BIAS
Permethrins	94.7	0.100 (ppm)	50-150		Phosmet	98.3	0.100 (ppm)	50-150
Piperonyl butoxide	96.8	1.00 (ppm)	60-120		Prallethrin	104	0.100 (ppm)	60-120
Propiconazole	110	0.200 (ppm)	60-120		Propoxur	98.9	0.100 (ppm)	60-120
Pyridaben	93.8	0.100 (ppm)	60-120		Pyrethrins	96.0	0.400 (ppm)	60-120
Spinosad	96.1	0.100 (ppm)	50-150		Spiromesifen	92.3	0.100 (ppm)	60-120
Spirotetramat	86.0	0.100 (ppm)	50-150		Spiroxamine	96.5	0.200 (ppm)	50-150
Tebuconazole	123	0.200 (ppm)	50-150		Thiacloprid	95.9	0.100 (ppm)	50-150



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Quality Control

Batch: P23J101 - SOP.T.30.060 Pesticide Prep (Continued)

LCS Dup(P23J101-BSD1)			Extracted: 10/30/23 09:11			Analyzed: 10/30/23 17:51			
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits	Notes
Thiamethoxam	93.3	0.100 (ppm)	50-150		Trifloxystrobin	97.9	0.100 (ppm)	50-150	

Notes and Definitions

Item	Definition
HIGH BIAS	High analyte recovery, yet no detection of that analyte in samples.



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