

PREE Laboratories - South
545 SW 2nd St, #202, Corvallis, OR 97333
541-257-5002 / OLCC 010-10087092BDA / www.PREELab.com

Pineapple Express

Hemp Flower
320-1056346IGH

Sample ID: C240907-1
Matrix: Useable Marijuana

Sampling Method/SOP: FSOP #101
Date Sampled: 8/27/24
Date Accepted: 8/28/24
Harvest/Process Lot ID:

Batch Size (g): 22679.62
Unit for Sale:
Harvest/Production Date: 8/9/24

Cannabinoid Analysis

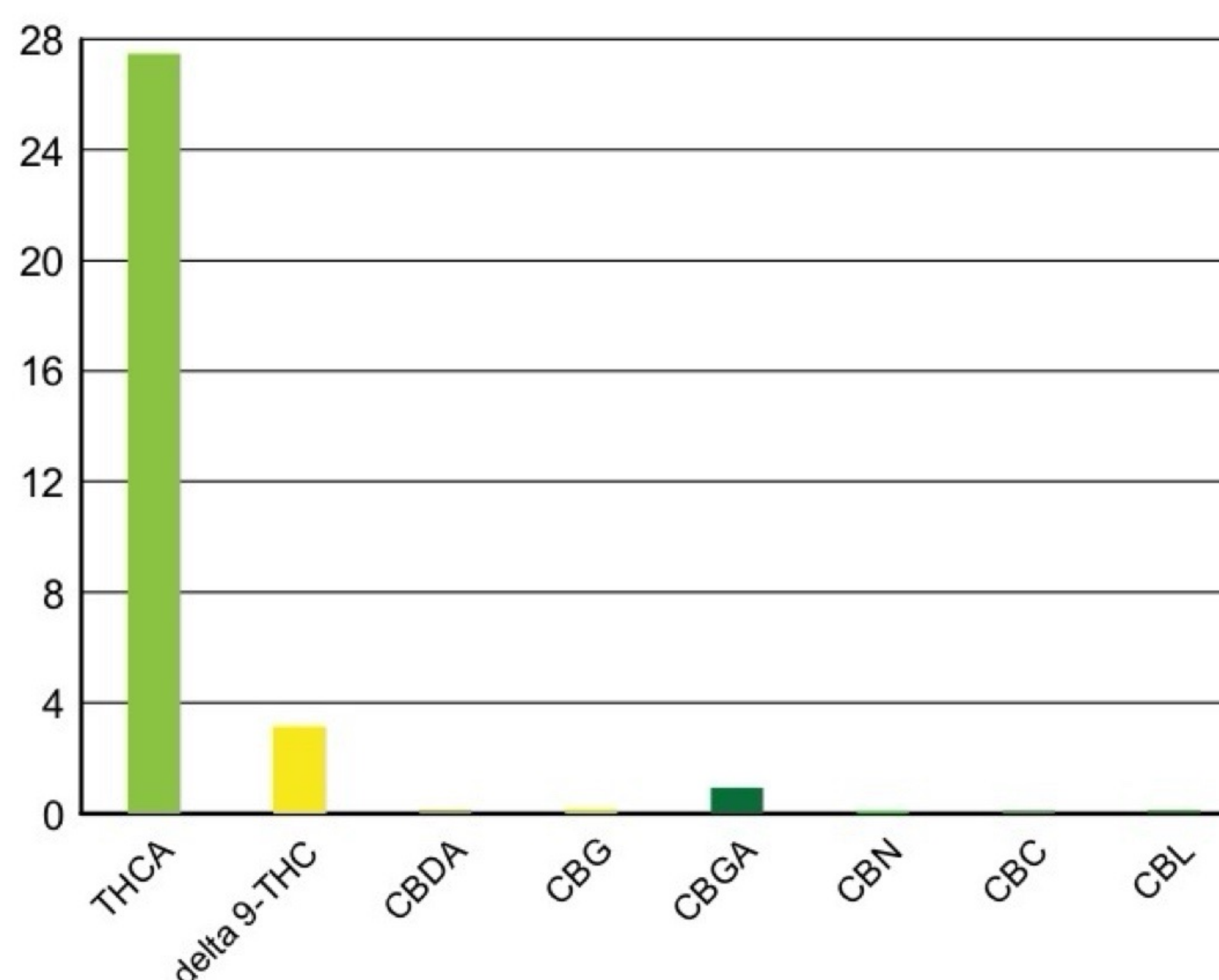
Date/Time Extracted: 8/30/24 09:31
Date/Time Analyzed: 8/30/24 12:54

Analysis Method/SOP: LSOP #303

Cannabinoids	LOQ(%)	mg/g	% weight
Total THC ((THCA*0.877)+Δ9THC)		295.26	29.52
Total CBD ((CBDA*0.877)+CBD)		<LOQ	<LOQ

Cannabinoid Profile

THCA	0.150	333.62	33.36
delta 9-THC	0.150	2.72	0.27
delta 8-THC	0.150	< LOQ	< LOQ
THCV	0.150	< LOQ	< LOQ
CBGA	0.150	23.6	2.36
CBDA	0.150	< LOQ	< LOQ
CBD	0.150	< LOQ	< LOQ
CBDV	0.150	< LOQ	< LOQ
CBN	0.150	< LOQ	< LOQ
CBG	0.150	9.91	0.991
CBC	0.150	< LOQ	< LOQ
CBDV-A	0.150	< LOQ	< LOQ
CBL	0.150	< LOQ	< LOQ
Sum of tested Cannabinoids	0.150	367.13	36.71



Moisture Content

Date/Time Analyzed: 8/30/24 13:30
Analysis Method/SOP: LSOP #301

Moisture: 9.01 %

Water Activity

Date/Time Analyzed: 8/30/24 13:30
Analysis Method/SOP: LSOP #302

Water Activity: 0.644 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.

Carson Newkirk
Laboratory Manager

PREE Laboratories - South
545 SW 2nd St, #202, Corvallis, OR 97333
541-257-5002 / OLCC 010-10087092BDA / www.PREELab.com

Pineapple Express

Hemp Flower
320-1056346IGH
Sample ID: C240907-1

Matrix: Useable Marijuana

Date Sampled: 8/27/24

Date Accepted: 8/28/24

Batch Size: 22679.62

Sampling Method/SOP: SOP.T.20.010

Pesticides

Date/Time Extracted: 8/30/24 09:31

Date/Time Analyzed: 8/30/24 12:54

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 insectide
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



Carson Newkirk
Laboratory Manager

PREE Laboratories - South
545 SW 2nd St, #202, Corvallis, OR 97333
541-257-5002 / OLCC 010-10087092BDA / www.PREElab.com

Pineapple Express

Hemp Flower
320-1056346IGH
Sample ID: C240907-1

Matrix: Useable Marijuana

Date Sampled: 8/27/24

Date Accepted: 8/28/24

Batch Size: 22679.62

Sampling Method/SOP: SOP.T.20.010

Pesticides

Date/Time Extracted: 8/30/24 09:31

Date/Time Analyzed: 8/30/24 12:54

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.



Carson Newkirk
Laboratory Manager

PREE Laboratories - South
545 SW 2nd St, #202, Corvallis, OR 97333
541-257-5002 / OLCC 010-10087092BDA / www.PREELab.com

Pineapple Express

Hemp Flower
320-1056346IGH
Sample ID: C240907-1
Matrix: Useable Marijuana

Date Sampled: 8/27/24
Date Accepted: 8/28/24

Batch Size: 22679.62
Sampling Method/SOP: SOP.T.20.010

Microbial Analysis

Date/Time Extracted: 8/30/24 09:31 Date/Time Analyzed: 8/30/24 12:54
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



Carson Newkirk
Laboratory Manager

PREE Laboratories - South
545 SW 2nd St, #202, Corvallis, OR 97333
541-257-5002 / OLCC 010-10087092BDA / www.PREELab.com

Pineapple Express

Hemp Flower
320-1056346IGH
Sample ID: C240907-1
Matrix: Useable Marijuana

Date Sampled: 8/27/24

Date Accepted: 8/28/24

Batch Size: 22679.62

Sampling Method/SOP: SOP.T.20.010

Heavy Metals Analysis

Date Extracted: 8/30/24 09:31

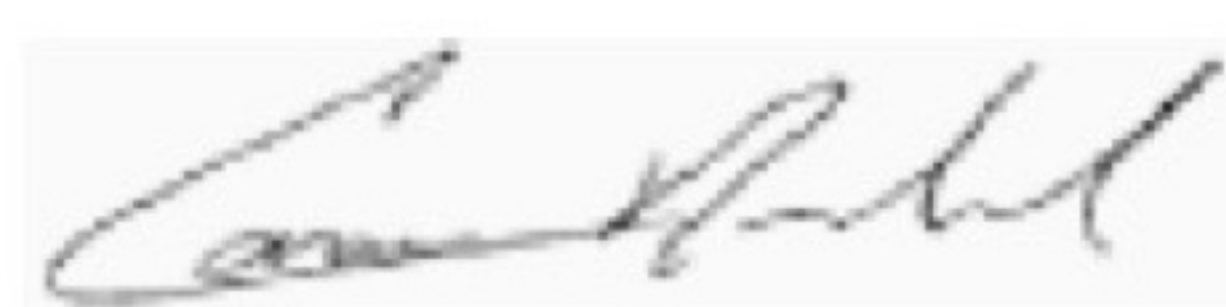
Date Analyzed: 8/30/24 12:54

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



Carson Newkirk
Laboratory Manager

PREE Laboratories - South
545 SW 2nd St, #202, Corvallis, OR 97333
541-257-5002 / OLCC 010-10087092BDA / www.PREElab.com

Pineapple Express

Hemp Flower
320-1056346IGH
Sample ID: C240907-1
Matrix: Useable Marijuana

Date Sampled: 8/27/24
Date Accepted: 8/28/24
Batch Size: 22679.62
Sampling Method/SOP: SOP.T.20.010

Mycotoxins

Date Extracted: 8/30/24 09:31

Date Analyzed: 8/30/24 12:54

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



Carson Newkirk
Laboratory Manager

PREE Laboratories - South
545 SW 2nd St, #202, Corvallis, OR 97333
541-257-5002 / OLCC 010-10087092BDA / www.PREELab.com

Quality Control

Batch: C23I020 - LSOP #303 Cannabinoid Quantification

Blank(C23I020-BLK1)				Extracted: 09/06/23 09:31		Analyzed: 09/06/23 12:27			
Analyte	Result	LOQ	Recovery Limits	Notes	Analyte	Result	LOQ	Recovery Limits	Notes
CBDV-A	< LOQ	0.150 (%)	< LOQ		CBDV	< LOQ	0.150 (%)	< LOQ	
CBDA	< LOQ	0.150 (%)	< LOQ		CBGA	< LOQ	0.150 (%)	< LOQ	
CBG	< LOQ	0.150 (%)	< LOQ		CBD	< LOQ	0.150 (%)	< LOQ	
THCV	< LOQ	0.150 (%)	< LOQ		CBN	< LOQ	0.150 (%)	< LOQ	
delta 8-THC	< LOQ	0.150 (%)	< LOQ		delta 9-THC	< LOQ	0.150 (%)	< LOQ	
CBL	< LOQ	0.150 (%)	< LOQ		CBC	< LOQ	0.150 (%)	< LOQ	
THCA	< LOQ	0.150 (%)	< LOQ		Sum of tested Cannabinoids	< LOQ	0.150 (%)	< LOQ	

LCS(C23I020-BS1)				Extracted: 09/06/23 09:31		Analyzed: 09/06/23 12:41			
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits	Notes
CBDA	96.5	0.150 (%)	90-110		CBD	97.0	0.150 (%)	90-110	
delta 8-THC	93.9	0.150 (%)	90-110		delta 9-THC	96.2	0.150 (%)	90-110	
THCA	95.4	0.150 (%)	90-110						

Batch: C23I021 - LSOP #309 Heavy Metal Quantification

Blank(C23I021-BLK1)				Extracted: 09/06/23 09:12		Analyzed: 09/07/23 15:04			
Analyte	Result	LOQ	Recovery Limits	Notes	Analyte	Result	LOQ	Recovery Limits	Notes
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(C23I021-BS1)				Extracted: 09/06/23 09:12		Analyzed: 09/07/23 15:08			
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits	Notes
Arsenic	101	0.0800 (ug/g)	80-115		Lead	104	0.160 (ug/g)	80-115	
Mercury	97.7	0.0400 (ug/g)	80-115		Cadmium	101	0.0800 (ug/g)	80-115	

LCS Dup(C23I021-BSD1)				Extracted: 09/06/23 09:12		Analyzed: 09/07/23 16:43			
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits	Notes
Arsenic	101	0.0800 (ug/g)	80-115		Lead	103	0.160 (ug/g)	80-115	
Mercury	98.6	0.0400 (ug/g)	80-115		Cadmium	99.3	0.0800 (ug/g)	80-115	

Batch: C23I026 - LSOP #310 Microbial Analysis

Blank(C23I026-BLK1)				Extracted: 09/06/23 10:58		Analyzed: 09/07/23 15:37			
Analyte	Result	LOQ	Recovery Limits	Notes	Analyte	Result	LOQ	Recovery Limits	Notes
STEC E. coli	Absent	0.500 (/g)	< LOQ		Salmonella spp.	Absent	0.500 (/g)	< LOQ	

Reference(C23I026-SRM1)				Extracted: 09/06/23 10:58		Analyzed: 09/07/23 15:37			
Analyte	Result	LOQ	Recovery Limits	Notes	Analyte	Result	LOQ	Recovery Limits	Notes
STEC E. coli	Present	(/g)	100-100		Salmonella spp.	Present	(/g)	100-100	



Carson Newkirk
Laboratory Manager

PREE Laboratories - South
545 SW 2nd St, #202, Corvallis, OR 97333
541-257-5002 / OLCC 010-10087092BDA / www.PREElab.com

Quality Control

Batch: P23I019 - SOP.T.30.060 Pesticide Prep

Blank(P23I019-BLK1)				Extracted: 09/08/23 09:11		Analyzed: 09/11/23 10:38			
Analyte	Result	LOQ	Recovery Limits	Notes	Analyte	Result	LOQ	Recovery Limits	Notes
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	
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(P23I019-BS1)				Extracted: 09/08/23 09:11		Analyzed: 09/11/23 10:38			
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits	Notes
Methyl parathion	134	0.100 (ppm)	50-150		Ochratoxin A	92.7	0.0100 (ppm)	60-120	



Carson Newkirk
Laboratory Manager

PREE Laboratories - South
545 SW 2nd St, #202, Corvallis, OR 97333
541-257-5002 / OLCC 010-10087092BDA / www.PREElab.com

Quality Control

Batch: P23I019 - SOP.T.30.060 Pesticide Prep (Continued)

LCS(P23I019-BS1)					Extracted: 09/08/23 09:11		Analyzed: 09/11/23 10:38		
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits	Notes
Aflatoxin G2	104	0.0100 (ppm)	60-120		MGK-264	88.8	0.100 (ppm)	50-150	
Aflatoxin G1	105	0.0100 (ppm)	60-120		Chlorfenapyr	102	0.400 (ppm)	60-120	
Aflatoxin B2	101	0.0100 (ppm)	60-120		Cyfluthrin	104	0.400 (ppm)	50-150	
Aflatoxin B1	92.4	0.0100 (ppm)	60-120		Cypermethrin	100	0.400 (ppm)	50-150	
Abamectin	117	0.200 (ppm)	50-150		Acephate	94.9	0.200 (ppm)	60-120	
Acequinocyl	105	1.00 (ppm)	40-160		Acetamiprid	96.1	0.100 (ppm)	60-120	
Aldicarb	115	0.200 (ppm)	60-120		Azoxystrobin	95.6	0.100 (ppm)	60-120	
Bifenazate	95.0	0.100 (ppm)	60-120		Bifenthrin	102	0.100 (ppm)	50-150	
Boscalid	91.0	0.200 (ppm)	60-120		Carbaryl	100	0.100 (ppm)	60-120	
Carbofuran	100	0.100 (ppm)	60-120		Chlorantraniliprole	90.3	0.100 (ppm)	60-120	
Chlorpyrifos	96.2	0.100 (ppm)	60-120		Clofentezine	96.4	0.100 (ppm)	60-120	
Daminozide	90.3	0.400 (ppm)	60-120		DDVP (Dichlorvos)	91.2	0.400 (ppm)	60-120	
Diazinon	94.6	0.100 (ppm)	60-120		Dimethoate	99.4	0.100 (ppm)	60-150	
Ethoprophos	97.7	0.100 (ppm)	60-120		Etofenprox	103	0.200 (ppm)	50-150	
Etoxazole	97.3	0.100 (ppm)	60-120		Fenoxycarb	97.9	0.100 (ppm)	60-120	
Fenpyroximate	97.1	0.200 (ppm)	60-120		Fipronil	98.9	0.200 (ppm)	60-120	
Flonicamid	90.7	0.400 (ppm)	60-120		Fludioxonil	93.6	0.200 (ppm)	50-150	
Hexythiazox	96.3	0.400 (ppm)	60-120		Imazalil	103	0.100 (ppm)	60-120	
Imidacloprid	96.0	0.200 (ppm)	60-120		Kresoxim-methyl	101	0.200 (ppm)	60-120	
Malathion	97.5	0.100 (ppm)	60-120		Metalaxyl	96.4	0.100 (ppm)	60-120	
Methiocarb	99.8	0.100 (ppm)	60-120		Methomyl	93.3	0.200 (ppm)	60-120	
Myclobutanil	94.1	0.100 (ppm)	60-120		Naled	93.1	0.200 (ppm)	50-150	
Oxamyl	101	0.400 (ppm)	60-120		Paclobutrazol	96.7	0.200 (ppm)	60-120	
Permethrins	101	0.100 (ppm)	50-150		Phosmet	99.8	0.100 (ppm)	50-150	
Piperonyl butoxide	97.8	1.00 (ppm)	60-120		Prallethrin	98.9	0.100 (ppm)	60-120	
Propiconazole	94.4	0.200 (ppm)	60-120		Propoxur	98.1	0.100 (ppm)	60-120	
Pyridaben	101	0.100 (ppm)	60-120		Pyrethrins	100	0.400 (ppm)	60-120	
Spinosad	112	0.100 (ppm)	50-150		Spiromesifen	101	0.100 (ppm)	60-120	
Spirotetramat	95.8	0.100 (ppm)	50-150		Spiroxamine	95.0	0.200 (ppm)	50-150	
Tebuconazole	94.2	0.200 (ppm)	50-150		Thiacloprid	96.4	0.100 (ppm)	50-150	
Thiamethoxam	95.2	0.100 (ppm)	50-150		Trifloxystrobin	97.0	0.100 (ppm)	50-150	

LCS Dup(P23I019-BSD1)					Extracted: 09/08/23 09:11		Analyzed: 09/11/23 10:38		
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits	Notes
Methyl parathion	134	0.100 (ppm)	50-150		Ochratoxin A	109	0.0100 (ppm)	60-120	
Aflatoxin G2	119	0.0100 (ppm)	60-120		MGK-264	99.3	0.100 (ppm)	50-150	
Aflatoxin G1	105	0.0100 (ppm)	60-120		Chlorfenapyr	115	0.400 (ppm)	60-120	



Carson Newkirk
Laboratory Manager

PREE Laboratories - South
545 SW 2nd St, #202, Corvallis, OR 97333
541-257-5002 / OLCC 010-10087092BDA / www.PREElab.com

Quality Control

Batch: P23I019 - SOP.T.30.060 Pesticide Prep (Continued)

LCS Dup(P23I019-BSD1)				Extracted: 09/08/23 09:11		Analyzed: 09/11/23 10:38			
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits	Notes
Aflatoxin B2	99.2	0.0100 (ppm)	60-120		Cyfluthrin	97.3	0.400 (ppm)	50-150	
Aflatoxin B1	107	0.0100 (ppm)	60-120		Cypermethrin	97.3	0.400 (ppm)	50-150	
Abamectin	112	0.200 (ppm)	50-150		Acephate	89.0	0.200 (ppm)	60-120	
Acequinocyl	112	1.00 (ppm)	40-160		Acetamiprid	104	0.100 (ppm)	60-120	
Aldicarb	115	0.200 (ppm)	60-120		Azoxystrobin	105	0.100 (ppm)	60-120	
Bifenazate	106	0.100 (ppm)	60-120		Bifenthrin	100	0.100 (ppm)	50-150	
Boscalid	103	0.200 (ppm)	60-120		Carbaryl	103	0.100 (ppm)	60-120	
Carbofuran	103	0.100 (ppm)	60-120		Chlorantraniliprole	98.0	0.100 (ppm)	60-120	
Chlorpyrifos	91.1	0.100 (ppm)	60-120		Clofentezine	99.2	0.100 (ppm)	60-120	
Daminozide	93.3	0.400 (ppm)	60-120		DDVP (Dichlorvos)	96.3	0.400 (ppm)	60-120	
Diazinon	92.4	0.100 (ppm)	60-120		Dimethoate	94.3	0.100 (ppm)	60-150	
Ethoprophos	92.0	0.100 (ppm)	60-120		Etofenprox	98.9	0.200 (ppm)	50-150	
Etoxazole	106	0.100 (ppm)	60-120		Fenoxycarb	101	0.100 (ppm)	60-120	
Fenpyroximate	99.4	0.200 (ppm)	60-120		Fipronil	108	0.200 (ppm)	60-120	
Flonicamid	93.7	0.400 (ppm)	60-120		Fludioxonil	99.1	0.200 (ppm)	50-150	
Hexythiazox	101	0.400 (ppm)	60-120		Imazalil	113	0.100 (ppm)	60-120	
Imidacloprid	102	0.200 (ppm)	60-120		Kresoxim-methyl	105	0.200 (ppm)	60-120	
Malathion	95.4	0.100 (ppm)	60-120		Metalaxyl	104	0.100 (ppm)	60-120	
Methiocarb	103	0.100 (ppm)	60-120		Methomyl	99.3	0.200 (ppm)	60-120	
Myclobutanil	103	0.100 (ppm)	60-120		Naled	90.5	0.200 (ppm)	50-150	
Oxamyl	103	0.400 (ppm)	60-120		Paclobutrazol	105	0.200 (ppm)	60-120	
Permethrins	99.8	0.100 (ppm)	50-150		Phosmet	94.6	0.100 (ppm)	50-150	
Piperonyl butoxide	107	1.00 (ppm)	60-120		Prallethrin	89.0	0.100 (ppm)	60-120	
Propiconazole	102	0.200 (ppm)	60-120		Propoxur	102	0.100 (ppm)	60-120	
Pyridaben	110	0.100 (ppm)	60-120		Pyrethrins	98.3	0.400 (ppm)	60-120	
Spinosad	116	0.100 (ppm)	50-150		Spiromesifen	106	0.100 (ppm)	60-120	
Spirotetramat	103	0.100 (ppm)	50-150		Spiroxamine	105	0.200 (ppm)	50-150	
Tebuconazole	103	0.200 (ppm)	50-150		Thiacloprid	102	0.100 (ppm)	50-150	
Thiamethoxam	99.1	0.100 (ppm)	50-150		Trifloxystrobin	107	0.100 (ppm)	50-150	



Carson Newkirk
Laboratory Manager