

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

EFC2302SP

SunGold Botanicals

AG-R1057703IHH

Confident Cannabis ID: 2305PREE0576.2322

Sample ID: C230752-01

Matrix: Extract/Concentrate

METRC Batch #:

Batch ID:

Sampling Method/SOP: FSOP #101

Batch Size:

Date Sampled: 05/23/23 09:00

Unit for Sale:

Date Accepted: 05/23/23

Harvest/Production Date:

Harvest/Process Lot ID:

Cannabinoid Analysis

Date/Time Extracted: 05/26/23 09:09

Analysis Method/SOP: SOP.T.40.020

Date/Time Analyzed: 05/27/23 01:33

Cannabinoids	LOQ(%)	mg/g	(% weight)	Cannabinoid Profile
Total THC ((THCA*0.877)+Δ9THC)		43.27	4.327	
Total CBD ((CBDA*0.877)+CBD)		648.84	64.884	
CBG		19.07	1.907	
THCA	0.100	< LOQ	< LOQ	
delta 9-THC	0.100	43.27	4.327	
delta 8-THC	0.100	< LOQ	< LOQ	
THCV	0.100	< LOQ	< LOQ	
CBGA	0.100	< LOQ	< LOQ	
CBDA	0.100	< LOQ	< LOQ	
CBD	0.100	648.84	64.884	
CBDV	0.100	< LOQ	< LOQ	
CBN	0.100	< LOQ	< LOQ	
CBC	0.100	22.97	2.297	
THCV-A	0.100	< LOQ	< LOQ	
CBDV-A	0.100	< LOQ	< LOQ	
CBCA	0.100	< LOQ	< LOQ	
Sum of tested Cannabinoids	0.100	764.67	76.467	

"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, 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 - 6/2/2023

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Potency Field Duplicate Report:

Primary Sample Name/ID: EFC2302SP **C230752-01**

Field Duplicate Name/ID: EFC2302SP **C230752-02**

Sample Metric ID: N/A

	Primary %	Duplicate %	Average %	% RPD	Pass/Fail
Total THC ((THCA*0.877)+Δ9THC)	4.327	4.243	4.285	1.96	PASS
Total CBD ((CBDA*0.877)+CBD)	64.884	63.849	64.367	1.61	PASS
THCA	< LOQ	< LOQ	NA	NA	NA
delta 9-THC	4.327	4.243	4.285	1.96	NA
delta 8-THC	< LOQ	< LOQ	NA	NA	PASS
THCV-A	< LOQ	< LOQ	NA	NA	NA
THCV	< LOQ	< LOQ	NA	NA	NA
CBDA	< LOQ	< LOQ	NA	NA	NA
CBD	64.884	63.849	64.367	1.61	NA
CBDV-A	< LOQ	< LOQ	NA	NA	NA
CBDV	< LOQ	< LOQ	NA	NA	NA
CBG	1.907	1.875	1.891	1.69	NA
CBGA	< LOQ	< LOQ	NA	NA	NA
CBN	< LOQ	< LOQ	NA	NA	NA
CBCA	< LOQ	< LOQ	NA	NA	NA
CBC	2.297	2.265	2.281	1.40	NA
Sum of tested Cannabinoids	76.467	75.247	75.857	1.61	NA



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Sample ID: C230752-01

METRC Batch #:

Matrix: Extract/Concentrate

Date Sampled: 05/23/23 09:00

Date Accepted: 05/23/23

Batch ID:

Batch Size:

Sampling Method/SOP: SOP.T.20.010

Pesticides


Date/Time Extracted: 05/24/23 09:59

Date/Time Analyzed: 5/24/2023 2:25:49PM

Analysis Method/SOP: LSOP #307

Sample extracted and analyzed at PREE Lab - South

Analyte	LOQ	Action Level	Result	Field Dup Result	Units	Type
Acephate	0.0200	0.4	< LOQ	< LOQ	ppm	Organophosphate insecticide
Acequinocyl	0.100	2	< LOQ	< LOQ	ppm	
Acetamiprid	0.0200	0.2	< LOQ	< LOQ	ppm	Neonicotinoid insecticide
Aldicarb	0.0200	0.4	< LOQ	< LOQ	ppm	Carbamate insecticide
Avermectin B1	0.100	0.5	< LOQ	< LOQ	ppm	
Azoxystrobin	0.0200	0.2	< LOQ	< LOQ	ppm	
Bifenazate	0.0200	0.2	< LOQ	< LOQ	ppm	Unclassified insecticide
Bifenthrin	0.100	0.2	< LOQ	< LOQ	ppm	
Boscalid	0.0200	0.4	< LOQ	< LOQ	ppm	Anilide fungicide
Carbaryl	0.0200	0.2	< LOQ	< LOQ	ppm	Carbamate insecticide
Carbofuran	0.0200	0.2	< LOQ	< LOQ	ppm	Carbamate insecticide
Chlorantraniliprole	0.0200	0.2	< LOQ	< LOQ	ppm	Anthranilic diamide insecticide
Chlorfenapyr	0.500	1	< LOQ	< LOQ	ppm	Pyrazole insecticide
Chlorpyrifos	0.0200	0.2	< LOQ	< LOQ	ppm	Organophosphate insecticide
Clofentezine	0.100	0.2	< LOQ	< LOQ	ppm	
Cyfluthrin	0.500	1	< LOQ	< LOQ	ppm	
Cypermethrin	0.500	1	< LOQ	< LOQ	ppm	
Daminozide	0.100	1	< LOQ	< LOQ	ppm	
DDVP (Dichlorvos)	0.100	1	< LOQ	< LOQ	ppm	
Diazinon	0.0200	0.2	< LOQ	< LOQ	ppm	Organophosphate insecticide
Dimethoate	0.0200	0.2	< LOQ	< LOQ	ppm	
Ethoprophos	0.0200	0.2	< LOQ	< LOQ	ppm	
Etofenprox	0.100	0.4	< LOQ	< LOQ	ppm	
Etoxazole	0.0200	0.2	< LOQ	< LOQ	ppm	Unclassified miticide
Fenoxycarb	0.0200	0.2	< LOQ	< LOQ	ppm	
Fenpyroximate	0.100	0.4	< LOQ	< LOQ	ppm	
Fipronil	0.0200	0.4	< LOQ	< LOQ	ppm	Pyrazole insecticide
Fonicamid	0.0200	1	< LOQ	< LOQ	ppm	Pyridinecarboxamide insecticide
Fludioxonil	0.100	0.4	< LOQ	< LOQ	ppm	non-systemic fungicide
Hexythiazox	0.0200	1	< LOQ	< LOQ	ppm	
Imazalil	0.0200	0.2	< LOQ	< LOQ	ppm	Azole fungicide
Imidacloprid	0.0200	0.4	< LOQ	< LOQ	ppm	Neonicotinoid insecticide
Kresoxim-methyl	0.100	0.4	< LOQ	< LOQ	ppm	
Malathion	0.0200	0.2	< LOQ	< LOQ	ppm	
Metalaxyl	0.0200	0.2	< LOQ	< LOQ	ppm	
Methiocarb	0.0200	0.2	< LOQ	< LOQ	ppm	Carbamate insecticide



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SunGold Botanicals

AG-R1057703IHH

Sample ID: C230752-01

METRC Batch #:

Matrix: Extract/Concentrate

Date Sampled: 05/23/23 09:00

Date Accepted: 05/23/23

Batch ID:

Batch Size:

Sampling Method/SOP: SOP.T.20.010

Pesticides

Date/Time Extracted: 05/24/23 09:59

Date/Time Analyzed: 5/24/2023 2:25:49PM

Analysis Method/SOP: LSOP #307

Sample extracted and analyzed at PREE Lab - South

Analyte	LOQ	Action Level	Result	Field Dup Result	Units	Type
Methomyl	0.0200	0.4	< LOQ	< LOQ	ppm	Carbamate insecticide
Methyl parathion	0.100	0.2	< LOQ	< LOQ	ppm	
MGK I	0.100	0.2	< LOQ	< LOQ	ppm	
MGK II	0.100	0.2	< LOQ	< LOQ	ppm	
MGK-264 (Both)	0.100	0.2	< LOQ	< LOQ	ppm	
Myclobutanil	0.100	0.2	< LOQ	< LOQ	ppm	Azole fungicide
Naled	0.0200	0.5	< LOQ	< LOQ	ppm	
Oxamyl	0.0200	1	< LOQ	< LOQ	ppm	Carbamate insecticide
Paclobutrazol	0.0200	0.4	< LOQ	< LOQ	ppm	Azole plant growth regulator
Permethrins (Both)	0.100	0.2	< LOQ	< LOQ	ppm	
Permethrins Cis	0.100	0.2	< LOQ	< LOQ	ppm	
Permethrins Trans	0.100	0.2	< LOQ	< LOQ	ppm	
Phosmet	0.0200	0.2	< LOQ	< LOQ	ppm	Organophosphate insecticide
Piperonyl butoxide	0.0200	2	< LOQ	< LOQ	ppm	
Prallethrin	0.100	0.2	< LOQ	< LOQ	ppm	
Propiconazole	0.100	0.4	< LOQ	< LOQ	ppm	
Propoxur	0.0200	0.2	< LOQ	< LOQ	ppm	Carbamate insecticide
Pyrethrins (All 3)	0.500	1	< LOQ	< LOQ	ppm	
Pyrethrins Cinerin	0.500	1	< LOQ	< LOQ	ppm	
Pyrethrins Jasmolin	0.500	1	< LOQ	< LOQ	ppm	
Pyrethrins Pyrethrin	0.500	1	< LOQ	< LOQ	ppm	
Pyridaben	0.0200	0.2	< LOQ	< LOQ	ppm	Unclassified insecticide
Spinosad (Both)	0.100	0.2	< LOQ	< LOQ	ppm	
Spinosyn A	0.100	0.2	< LOQ	< LOQ	ppm	
Spinosyn D	0.100	0.2	< LOQ	< LOQ	ppm	
Spiromesifen	0.100	0.2	< LOQ	< LOQ	ppm	Keto-enol insecticide
Spirotetramat	0.0200	0.2	< LOQ	< LOQ	ppm	Keto-enol insecticide
Spiroxamine	0.0200	0.4	< LOQ	< LOQ	ppm	Unclassified fungicide
Tebuconazole	0.0200	0.4	< LOQ	< LOQ	ppm	
Thiacloprid	0.0200	0.2	< LOQ	< LOQ	ppm	
Thiamethoxam	0.0200	0.2	< LOQ	< LOQ	ppm	Neonicotinoid insectide
Trifloxystrobin	0.0200	0.2	< LOQ	< 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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AG-R1057703IHH

Sample ID: C230752-01 METRC Batch #:

Matrix: Extract/Concentrate

Date Sampled: 05/23/23 09:00

Date Accepted: 05/23/23

Batch ID:

Batch Size:

Sampling Method/SOP: SOP.T.20.010

Residual Solvents

Analyte	LOQ	Action Level	Result	Field Dup Result	RPD	Units	
Butanes	125	5000 ³	< LOQ	< LOQ	NA	ppm	
n-Butane	125	5000	< LOQ	< LOQ	NA	ppm	
iso-Butane	125	5000	< LOQ	< LOQ	NA	ppm	
Hexanes	87	290 ⁴	< LOQ	< LOQ	NA	ppm	
n-Hexane	87	290	< LOQ	< LOQ	NA	ppm	
2-Methylpentane	87	290	< LOQ	< LOQ	NA	ppm	
3-Methylpentane	87	290	< LOQ	< LOQ	NA	ppm	
2,2-Dimethylbutane	87	290	< LOQ	< LOQ	NA	ppm	
2,3-Dimethylbutane	87	290	< LOQ	< LOQ	NA	ppm	
Pentanes	700	5000 ⁵	< LOQ	< LOQ	NA	ppm	
n-Pentane	700	5000	< LOQ	< LOQ	NA	ppm	
iso-Pentane	700	5000	< LOQ	< LOQ	NA	ppm	
Neopentane	125	5000	< LOQ	< LOQ	NA	ppm	
Xylenes	651	2170	< LOQ	< LOQ	NA	ppm	
1,2-Dimethylbenzene	651	2170	< LOQ	< LOQ	NA	ppm	
1,3-Dimethylbenzene	651	2170	< LOQ	< LOQ	NA	ppm	
1,4-Dimethylbenzene	651	2170	< LOQ	< LOQ	NA	ppm	
Ethyl benzene	651	NA	< LOQ	< LOQ	NA	ppm	
2-Propanol (IPA)	700	5000	< LOQ	< LOQ	NA	ppm	
Acetone	700	5000	< LOQ	< LOQ	NA	ppm	
Acetonitrile	123	410	< LOQ	< LOQ	NA	ppm	
Benzene	0.6	2	< LOQ	< LOQ	NA	ppm	
Methanol	500	3000	< LOQ	< LOQ	NA	ppm	
Propane	50	5000	< LOQ	< LOQ	NA	ppm	
Toluene	267	890	< LOQ	< LOQ	NA	ppm	
Dichloromethane	180	600	< LOQ	< LOQ	NA	ppm	
1,4-Dioxane	114	380	< LOQ	< LOQ	NA	ppm	
2-Butanol	700	5000	< LOQ	< LOQ	NA	ppm	
2-Ethoxyethanol	48	160	< LOQ	< LOQ	NA	ppm	
Cumene	21	70	< LOQ	< LOQ	NA	ppm	
Cyclohexane	1139	3880	< LOQ	< LOQ	NA	ppm	
Ethyl acetate	1400	5000	< LOQ	< LOQ	NA	ppm	
Ethyl ether	700	5000	< LOQ	< LOQ	NA	ppm	
Ethylene glycol	186	620	< LOQ	< LOQ	NA	ppm	
Ethylene oxide	15	50	41.2996	39.91206	3.42	ppm	
Heptane	700	5000	< LOQ	< LOQ	NA	ppm	
Isopropyl acetate	700	5000	< LOQ	< LOQ	NA	ppm	
Tetrahydrofuran	216	720	< LOQ	< LOQ	NA	ppm	
Ethanol	700	NA ⁷	>7000	>7000	6.37	ppm	

Date/Time Extracted: 05/26/23 09:45

Date/Time Analyzed: 05/27/23 07:24

Analysis Method/SOP: SOP.T.40.030
Sample extracted and analyzed at PREE Lab - North

3 - Total butanes are calculated as sum of n-butanenes (CAS# 106-97-8) and iso-butane (CAS# 75-28-5)

4 - Total hexanes are calculated as sum of n-hexane (CAS# 110-54-3), 2-methylpentane (CAS# 107-83-5), 3-methylpentane (CAS# 96-14-0), 2,2-dimethylbutane (CAS# 75-83-2), 2,3-dimethylbutane (CAS# 79-29-8)


5 - Total pentanes are calculated as sum of n-pentane (CAS# 109-66-0), iso-pentane (CAS# 78-78-4), and neo-pentane (CAS# 463-82-1)

6 - Total xylenes are calculated as 1,2-dimethylbenzene (CAS# 95-47-6), 1,3-dimethylbenzene (CAS# 106-42-3), and 1,4-dimethylbenzene (CAS# 106-42-3)

7 - Ethanol is not regulated under OAR-333-007-0410.

TIC - Tentatively Identified Compound not regulated under OAR-333-007-0410

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FOR INFORMATIONAL USE ONLY - NOT FOR REGULATORY PURPOSES

EFC2302SP

SunGold Botanicals

AG-R1057703IHH

Sample ID: C230752-01 METRC Batch #:

Matrix: Extract/Concentrate

Date Sampled: 05/23/23 09:00

Date Accepted: 05/23/23

Batch ID:

Batch Size:

Sampling Method/SOP: SOP.T.20.010

Terpene Analysis


Date/Time Extracted: 05/26/23 09:48

Analysis Method/SOP: SOP.T.40.092

Date/Time Analyzed: 05/30/23 18:21

Analyte	LOQ (mg/g)	Mass (mg/g)	Mass (%)	Analyte	LOQ (mg/g)	Mass (mg/g)	Mass (%)
alpha-Pinene	0.100	0.101	0.0101	beta-Pinene	0.100	0.124	0.0124
Camphene	0.100	< LOQ	< LOQ	Sabinene	0.100	0.102	0.0102
Sabinene hydrate	0.100	0.214	0.0214	beta-Myrcene	0.100	0.607	0.0607
p-Mentha-1,5-diene	0.100	0.129	0.0129	(+)-3-Carene	0.100	< LOQ	< LOQ
alpha-Terpinene	0.100	0.168	0.0168	gamma-Terpinene	0.100	0.201	0.0201
Limonene	0.100	0.269	0.0269	Eucalyptol	0.100	0.131	0.0131
Guaiol	0.100	0.639	0.0639	Terpinolene	0.100	1.39	0.139
Linalool	0.100	0.787	0.0787	Camphor	0.100	< LOQ	< LOQ
(+)-Camphor	0.100	< LOQ	< LOQ	(-)-Camphor	0.100	< LOQ	< LOQ
Isopulegol	0.100	< LOQ	< LOQ	Isoborneol	0.100	< LOQ	< LOQ
Borneol	0.100	0.554	0.0554	Hexahydrothymol	0.100	0.442	0.0442
Geraniol	0.100	0.345	0.0345	(+)-Pulegone	0.100	< LOQ	< LOQ
Nerol	0.100	< LOQ	< LOQ	cis-Nerolidol	0.100	< LOQ	< LOQ
trans-Nerolidol	0.100	0.589	0.0589	Geranyl acetate	0.100	< LOQ	< LOQ
alpha-Cedrene	0.100	< LOQ	< LOQ	trans-Caryophyllene	0.100	3.32	0.332
Caryophyllene Oxide	0.100	0.769	0.0769	alpha-Humulene	0.100	1.62	0.162
Valencene	0.100	< LOQ	< LOQ	alpha-Farnesene	0.100	2.30	0.23
beta-Farnesene	0.100	1.94	0.194	Cedrol	0.100	< LOQ	< LOQ
alpha-Bisabolol	0.100	1.71	0.171	Fenchone	0.100	< LOQ	< LOQ
Fenchyl Alcohol	0.100	0.628	0.0628	trans, beta- Ocimene	0.100	0.172	0.0172
beta, cis- Ocimene	0.100	0.238	0.0238	Terpineol	0.100	1.35	0.135
Total (Sum):						20.84	2.08

Analysis performed on GCMS with confirmation ion identification. Terpene analysis is not ORELAP accredited.
Results reported as wet weight, or "as is." LOQ = Limit of Quantitation



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EFC2302SP

SunGold Botanicals

AG-R1057703IHH

Sample ID: C230752-01

METRC Batch Package #:

Matrix: Extract/Concentrate

Date Sampled: 05/23/23 09:00

Date Accepted: 05/23/23 09:08

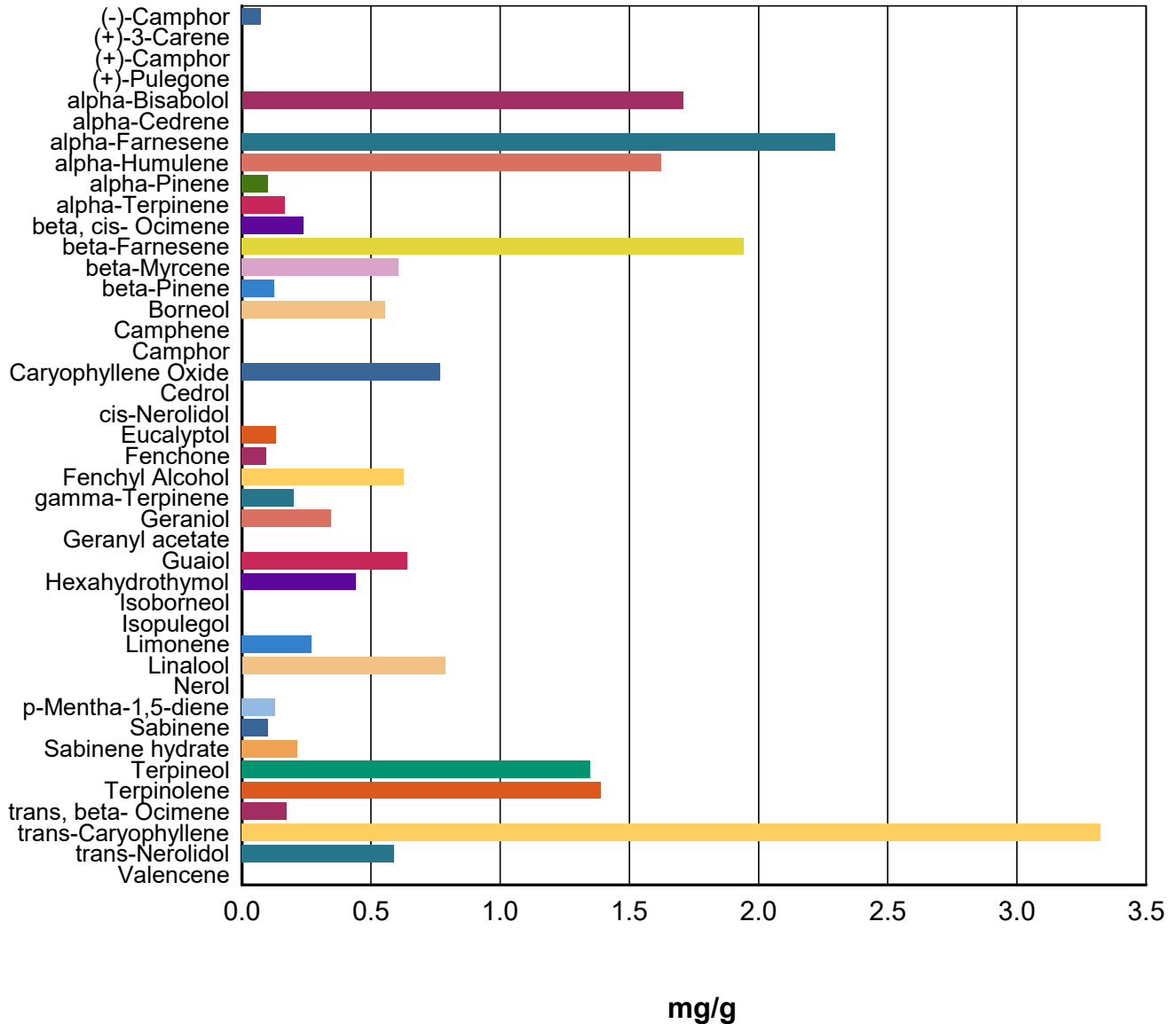
Results Valid Until: 05/22/24

Batch ID:

Batch Size:

Sampling Method/SOP: SOP.T.20.010

Terpene Profile



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Sample ID: C230752-01

METRC Batch #:

Matrix: Extract/Concentrate

Date Sampled: 05/23/23 09:00

Date Accepted: 05/23/23

Batch ID:

Batch Size:

Sampling Method/SOP: SOP.T.20.010

Microbial Analysis

Date/Time Extracted: 05/25/23 13:11


Date/Time Analyzed: 5/30/2023 4:33:17PM

Analysis Method/SOP: LSOP #310

Sample extracted and analyzed at PREE Lab - South

Analyte	Result	Field Dup Result	Units	Pass/Fail
Aspergillus (flavus, fumigatus, niger, terreus)	Absent	Absent	/g	PASS
Salmonella spp.	Absent	Absent	/g	PASS
STEC E. coli	Absent	Absent	/g	PASS

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



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Quality Control

Batch: C23E126 - LSOP #307 Pesticide Quantification by LCMS

Blank(C23E126-BLK1)			Extracted: 05/24/23 09:59			Analyzed: 05/24/23 13:10			
Analyte	Result	LOQ	Recovery Limits	Notes	Analyte	Result	LOQ	Recovery Limits	Notes
Acephate	< LOQ	0.0200 (ppm)	< LOQ		Acequinocyl	< LOQ	0.100 (ppm)	< LOQ	
Acetamiprid	< LOQ	0.0200 (ppm)	< LOQ		Aldicarb	< LOQ	0.0200 (ppm)	< LOQ	
Avermectin B1	< LOQ	0.100 (ppm)	< LOQ		Azoxystrobin	< LOQ	0.0200 (ppm)	< LOQ	
Bifentazate	< LOQ	0.0200 (ppm)	< LOQ		Bifenthrin	< LOQ	0.100 (ppm)	< LOQ	
Boscalid	< LOQ	0.0200 (ppm)	< LOQ		Carbaryl	< LOQ	0.0200 (ppm)	< LOQ	
Carbofuran	< LOQ	0.0200 (ppm)	< LOQ		Chlorantraniliprole	< LOQ	0.0200 (ppm)	< LOQ	
Chlorfenapyr	< LOQ	0.500 (ppm)	< LOQ		Chlorpyrifos	< LOQ	0.0200 (ppm)	< LOQ	
Clofentezine	< LOQ	0.100 (ppm)	< LOQ		Cyfluthrin	< LOQ	0.500 (ppm)	< LOQ	
Cypermethrin	< LOQ	0.500 (ppm)	< LOQ		Daminozide	< LOQ	0.100 (ppm)	< LOQ	
DDVP (Dichlorvos)	< LOQ	0.100 (ppm)	< LOQ		Diazinon	< LOQ	0.0200 (ppm)	< LOQ	
Dimethoate	< LOQ	0.0200 (ppm)	< LOQ		Ethoprophos	< LOQ	0.0200 (ppm)	< LOQ	
Etofenprox	< LOQ	0.100 (ppm)	< LOQ		Etoxazole	< LOQ	0.0200 (ppm)	< LOQ	
Fenoxycarb	< LOQ	0.0200 (ppm)	< LOQ		Fenpyroximate	< LOQ	0.100 (ppm)	< LOQ	
Fipronil	< LOQ	0.0200 (ppm)	< LOQ		Fonicamid	< LOQ	0.0200 (ppm)	< LOQ	
Fludioxonil	< LOQ	0.100 (ppm)	< LOQ		Hexythiazox	< LOQ	0.0200 (ppm)	< LOQ	
Imazalil	< LOQ	0.0200 (ppm)	< LOQ		Imidacloprid	< LOQ	0.0200 (ppm)	< LOQ	
Kresoxim-methyl	< LOQ	0.100 (ppm)	< LOQ		Malathion	< LOQ	0.0200 (ppm)	< LOQ	
Metalaxyl	< LOQ	0.0200 (ppm)	< LOQ		Methiocarb	< LOQ	0.0200 (ppm)	< LOQ	
Methomyl	< LOQ	0.0200 (ppm)	< LOQ		Methyl parathion	< LOQ	0.100 (ppm)	< LOQ	
MGK I	< LOQ	0.100 (ppm)	< LOQ		MGK II	< LOQ	0.100 (ppm)	< LOQ	
MGK-264 (Both)	< LOQ	0.100 (ppm)	< LOQ		Myclobutanil	< LOQ	0.100 (ppm)	< LOQ	
Naled	< LOQ	0.0200 (ppm)	< LOQ		Oxamyl	< LOQ	0.0200 (ppm)	< LOQ	
Paclobutrazol	< LOQ	0.0200 (ppm)	< LOQ		Permethrins (Both)	< LOQ	0.100 (ppm)	< LOQ	
Permethrins Cis	< LOQ	0.100 (ppm)	< LOQ		Permethrins Trans	< LOQ	0.100 (ppm)	< LOQ	
Phosmet	< LOQ	0.0200 (ppm)	< LOQ		Piperonyl butoxide	< LOQ	0.0200 (ppm)	< LOQ	
Prallethrin	< LOQ	0.100 (ppm)	< LOQ		Propiconazole	< LOQ	0.100 (ppm)	< LOQ	
Propoxur	< LOQ	0.0200 (ppm)	< LOQ		Pyrethrins (All 3)	< LOQ	0.500 (ppm)	< LOQ	
Pyrethrins Cinerin	< LOQ	0.500 (ppm)	< LOQ		Pyrethrins Jasmolin	< LOQ	0.500 (ppm)	< LOQ	
Pyrethrins Pyrethrin	< LOQ	0.500 (ppm)	< LOQ		Pyridaben	< LOQ	0.0200 (ppm)	< LOQ	
Spinosad (Both)	< LOQ	0.100 (ppm)	< LOQ		Spinosyn A	< LOQ	0.100 (ppm)	< LOQ	
Spinosyn D	< LOQ	0.100 (ppm)	< LOQ		Spiromesifen	< LOQ	0.100 (ppm)	< LOQ	
Spirotetramat	< LOQ	0.0200 (ppm)	< LOQ		Spiroxamine	< LOQ	0.0200 (ppm)	< LOQ	
Tebuconazole	< LOQ	0.0200 (ppm)	< LOQ		Thiacloprid	< LOQ	0.0200 (ppm)	< LOQ	
Thiamethoxam	< LOQ	0.0200 (ppm)	< LOQ		Trifloxystrobin	< LOQ	0.0200 (ppm)	< LOQ	

LCS(C23E126-BS1)			Extracted: 05/24/23 09:59			Analyzed: 05/24/23 13:25			
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits	Notes



Carson Newkirk
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Quality Control

Batch: C23E126 - LSOP #307 Pesticide Quantification by LCMS (Continued)

LCS(C23E126-BS1)			Extracted: 05/24/23 09:59			Analyzed: 05/24/23 13:25			
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits	Notes
Acephate	115	(ppm)	60-120		Acequinocyl	183	(ppm)	40-160	HIGH BIAS
Acetamiprid	106	(ppm)	60-120		Aldicarb	78.7	(ppm)	60-120	
Avermectin B1	70.3	(ppm)	50-150		Azoxystrobin	103	(ppm)	60-120	
Bifenazate	104	(ppm)	60-120		Bifenthrin	139	(ppm)	50-150	
Boscalid	112	(ppm)	60-120		Carbaryl	108	(ppm)	60-120	
Carbofuran	97.0	(ppm)	60-120		Chlorantraniliprole	103	(ppm)	60-120	
Chlorfenapyr	84.8	(ppm)	60-120		Chlorpyrifos	100	(ppm)	60-120	
Clofentezine	106	(ppm)	60-120		Cyfluthrin	101	(ppm)	50-150	
Cypermethrin	90.6	(ppm)	50-150		Daminozide	95.5	(ppm)	60-120	
DDVP (Dichlorvos)	77.3	(ppm)	60-120		Diazinon	104	(ppm)	60-120	
Dimethoate	106	(ppm)	60-120		Ethoprophos	101	(ppm)	60-120	
Etofenprox	128	(ppm)	50-150		Etoxazole	110	(ppm)	60-120	
Fenoxycarb	92.3	(ppm)	60-120		Fenpyroximate	114	(ppm)	60-120	
Fipronil	80.3	(ppm)	60-120		Fonicamid	101	(ppm)	60-120	
Fludioxonil	99.8	(ppm)	50-150		Hexythiazox	95.7	(ppm)	60-120	
Imazalil	106	(ppm)	60-120		Imidacloprid	97.0	(ppm)	60-120	
Kresoxim-methyl	111	(ppm)	60-120		Malathion	102	(ppm)	60-120	
Metalaxyl	103	(ppm)	60-120		Methiocarb	100	(ppm)	60-120	
Methomyl	109	(ppm)	60-120		Methyl parathion	70.4	(ppm)	50-150	
MGK I	85.5	(ppm)	50-150		MGK II	84.5	(ppm)	50-150	
Myclobutanil	97.5	(ppm)	60-120		Naled	91.5	(ppm)	50-150	
Oxamyl	97.3	(ppm)	60-120		Paclobutrazol	96.8	(ppm)	60-120	
Permethrins Cis	112	(ppm)	50-150		Permethrins Trans	90.6	(ppm)	50-150	
Phosmet	100	(ppm)	50-150		Piperonyl butoxide	110	(ppm)	60-120	
Prallethrin	91.7	(ppm)	60-120		Propiconazole	97.5	(ppm)	60-120	
Propoxur	103	(ppm)	60-120		Pyrethrins Cinerin	88.8	(ppm)	60-120	
Pyrethrins Jasmolin	84.8	(ppm)	60-120		Pyrethrins Pyrethrin	93.8	(ppm)	60-120	
Pyridaben	106	(ppm)	50-150		Spinosyn A	102	(ppm)	50-150	
Spinosyn D	95.1	(ppm)	50-150		Spiromesifen	95.8	(ppm)	60-120	
Spirotetramat	99.0	(ppm)	60-120		Spiroxamine	110	(ppm)	60-120	
Tebuconazole	95.4	(ppm)	60-120		Thiacloprid	106	(ppm)	60-120	
Thiamethoxam	99.1	(ppm)	60-120		Trifloxystrobin	104	(ppm)	60-120	

LCS Dup(C23E126-BSD1)			Extracted: 05/24/23 09:59			Analyzed: 05/24/23 14:55			
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits	Notes
Acephate	101	(ppm)	60-120		Acequinocyl	174	(ppm)	40-160	HIGH BIAS
Acetamiprid	103	(ppm)	60-120		Aldicarb	87.7	(ppm)	60-120	



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Quality Control

Batch: C23E126 - LSOP #307 Pesticide Quantification by LCMS (Continued)

LCS Dup(C23E126-BSD1)			Extracted: 05/24/23 09:59			Analyzed: 05/24/23 14:55			
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits	Notes
Avermectin B1	71.3	(ppm)	50-150		Azoxystrobin	105	(ppm)	60-120	
Bifenazate	104	(ppm)	60-120		Bifenthrin	117	(ppm)	50-150	
Boscalid	111	(ppm)	60-120		Carbaryl	105	(ppm)	60-120	
Carbofuran	94.1	(ppm)	60-120		Chlorantraniliprole	101	(ppm)	60-120	
Chlorfenapyr	90.8	(ppm)	60-120		Chlorpyrifos	110	(ppm)	60-120	
Clofentezine	102	(ppm)	60-120		Cyfluthrin	92.7	(ppm)	50-150	
Cypermethrin	86.6	(ppm)	50-150		Daminozide	94.5	(ppm)	60-120	
DDVP (Dichlorvos)	87.2	(ppm)	60-120		Diazinon	101	(ppm)	60-120	
Dimethoate	105	(ppm)	60-120		Ethoprophos	99.2	(ppm)	60-120	
Etofenprox	121	(ppm)	50-150		Etoxazole	114	(ppm)	60-120	
Fenoxycarb	90.3	(ppm)	60-120		Fenpyroximate	102	(ppm)	60-120	
Fipronil	83.3	(ppm)	60-120		Flonicamid	104	(ppm)	60-120	
Fludioxonil	93.8	(ppm)	50-150		Hexythiazox	111	(ppm)	60-120	
Imazalil	108	(ppm)	60-120		Imidacloprid	94.1	(ppm)	60-120	
Kresoxim-methyl	106	(ppm)	60-120		Malathion	105	(ppm)	60-120	
Metalaxyl	104	(ppm)	60-120		Methiocarb	102	(ppm)	60-120	
Methomyl	104	(ppm)	60-120		Methyl parathion	65.5	(ppm)	50-150	
MGK I	97.4	(ppm)	50-150		MGK II	91.5	(ppm)	50-150	
Myclobutanil	95.5	(ppm)	60-120		Naled	92.5	(ppm)	50-150	
Oxamyl	95.4	(ppm)	60-120		Paclobutrazol	91.8	(ppm)	60-120	
Permethrins Cis	109	(ppm)	50-150		Permethrins Trans	95.6	(ppm)	50-150	
Phosmet	103	(ppm)	50-150		Piperonyl butoxide	115	(ppm)	60-120	
Prallethrin	93.7	(ppm)	60-120		Propiconazole	101	(ppm)	60-120	
Propoxur	104	(ppm)	60-120		Pyrethrins Cinerin	91.8	(ppm)	60-120	
Pyrethrins Jasmolin	85.8	(ppm)	60-120		Pyrethrins Pyrethrin	102	(ppm)	60-120	
Pyridaben	108	(ppm)	50-150		Spinosyn A	102	(ppm)	50-150	
Spinosyn D	93.1	(ppm)	50-150		Spiromesifen	83.8	(ppm)	60-120	
Spirotetramat	107	(ppm)	60-120		Spiroxamine	106	(ppm)	60-120	
Tebuconazole	93.4	(ppm)	60-120		Thiacloprid	104	(ppm)	60-120	
Thiamethoxam	96.2	(ppm)	60-120		Trifloxystrobin	103	(ppm)	60-120	

Batch: P23E087 - SOP.T.30.050PDX Prep for Cannabinoids

Blank(P23E087-BLK1)			Extracted: 05/26/23 09:09			Analyzed: 05/27/23 00:46			
Analyte	Result	LOQ	Recovery Limits	Notes	Analyte	Result	LOQ	Recovery Limits	Notes
THCA	< LOQ	0.100 (%)	< LOQ		delta 9-THC	< LOQ	0.100 (%)	< LOQ	
delta 8-THC	< LOQ	0.100 (%)	< LOQ		THCV-A	< LOQ	0.100 (%)	< LOQ	
THCV	< LOQ	0.100 (%)	< LOQ		CBDA	< LOQ	0.100 (%)	< LOQ	



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Quality Control


Batch: P23E087 - SOP.T.30.050PDX Prep for Cannabinoids (Continued)

Blank(P23E087-BLK1)			Extracted: 05/26/23 09:09			Analyzed: 05/27/23 00:46			
Analyte	Result	LOQ	Recovery Limits	Notes	Analyte	Result	LOQ	Recovery Limits	Notes
CBD	< LOQ	0.100 (%)	< LOQ		CBDV-A	< LOQ	0.100 (%)	< LOQ	
CBDV	< LOQ	0.100 (%)	< LOQ		CBG	< LOQ	0.100 (%)	< LOQ	
CBGA	< LOQ	0.100 (%)	< LOQ		CBN	< LOQ	0.100 (%)	< LOQ	
CBCA	< LOQ	0.100 (%)	< LOQ		CBC	< LOQ	0.100 (%)	< LOQ	
Sum of tested Cannabinoids	< LOQ	0.100 (%)	< LOQ						

LCS(P23E087-BS1)			Extracted: 05/26/23 09:09			Analyzed: 05/27/23 01:02			
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits	Notes
THCA	104	0.100 (%)	90-110		delta 9-THC	104	0.100 (%)	90-110	
delta 8-THC	105	0.100 (%)	90-110		CBDA	103	0.100 (%)	90-110	
CBD	104	0.100 (%)	90-110						

Batch: P23E089 - SOP.T.40.031 Solvents

Blank(P23E089-BLK1)			Extracted: 05/26/23 09:45			Analyzed: 05/30/23 15:29			
Analyte	Result	LOQ	Recovery Limits	Notes	Analyte	Result	LOQ	Recovery Limits	Notes
Butanes	< LOQ	125 (ppm)	< LOQ		n-Butane	< LOQ	125 (ppm)	< LOQ	
iso-Butane	< LOQ	125 (ppm)	< LOQ		Hexanes	< LOQ	87 (ppm)	< LOQ	
n-Hexane	< LOQ	87 (ppm)	< LOQ		2-Methylpentane	< LOQ	87 (ppm)	< LOQ	
3-Methylpentane	< LOQ	87 (ppm)	< LOQ		2,2-Dimethylbutane	< LOQ	87 (ppm)	< LOQ	
2,3-Dimethylbutane	< LOQ	87 (ppm)	< LOQ		Pentanes	< LOQ	700 (ppm)	< LOQ	
n-Pentane	< LOQ	700 (ppm)	< LOQ		iso-Pentane	< LOQ	700 (ppm)	< LOQ	
Neopentane	< LOQ	125 (ppm)	< LOQ		Xylenes	< LOQ	651 (ppm)	< LOQ	
1,2-Dimethylbenzene	< LOQ	651 (ppm)	< LOQ		1,3-Dimethylbenzene	< LOQ	651 (ppm)	< LOQ	
1,4-Dimethylbenzene	< LOQ	651 (ppm)	< LOQ		Ethyl benzene	< LOQ	651 (ppm)	< LOQ	
2-Propanol (IPA)	< LOQ	700 (ppm)	< LOQ		Acetone	< LOQ	700 (ppm)	< LOQ	
Acetonitrile	< LOQ	123 (ppm)	< LOQ		Benzene	< LOQ	0.6 (ppm)	< LOQ	
Methanol	< LOQ	500 (ppm)	< LOQ		Propane	< LOQ	50 (ppm)	< LOQ	
Toluene	< LOQ	267 (ppm)	< LOQ		Dichloromethane	< LOQ	180 (ppm)	< LOQ	
1,4-Dioxane	< LOQ	114 (ppm)	< LOQ		2-Butanol	< LOQ	700 (ppm)	< LOQ	
2-Ethoxyethanol	< LOQ	48 (ppm)	< LOQ		Cumene	< LOQ	21 (ppm)	< LOQ	
Cyclohexane	< LOQ	1139 (ppm)	< LOQ		Ethyl acetate	< LOQ	1400 (ppm)	< LOQ	
Ethyl ether	< LOQ	700 (ppm)	< LOQ		Ethylene glycol	< LOQ	186 (ppm)	< LOQ	
Ethylene oxide	< LOQ	15 (ppm)	< LOQ		Heptane	< LOQ	700 (ppm)	< LOQ	
Isopropyl acetate	< LOQ	700 (ppm)	< LOQ		Tetrahydrofuran	< LOQ	216 (ppm)	< LOQ	
Ethanol	< LOQ	700 (ppm)	< LOQ						



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Quality Control

Batch: P23E089 - SOP.T.40.031 Solvents (Continued)

LCS(P23E089-BS1)			Extracted: 05/26/23 09:45		Analyzed: 05/30/23 15:29				
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits	Notes
n-Butane	77.6	(ppm)	60-120		iso-Butane	70.7	(ppm)	60-120	
n-Hexane	90.3	(ppm)	60-120		2-Methylpentane	90.4	(ppm)	60-120	
3-Methylpentane	90.3	(ppm)	60-120		2,2-Dimethylbutane	90.1	(ppm)	60-120	
2,3-Dimethylbutane	95.3	(ppm)	60-120		n-Pentane	92.4	(ppm)	60-120	
iso-Pentane	94.2	(ppm)	60-120		Neopentane	73.0	(ppm)	60-120	
1,2-Dimethylbenzene	76.1	(ppm)	60-120		1,3-Dimethylbenzene	78.5	(ppm)	60-120	
1,4-Dimethylbenzene	78.5	(ppm)	60-120		Ethyl benzene	78.4	(ppm)	60-120	
2-Propanol (IPA)	99.6	(ppm)	60-120		Acetone	95.3	(ppm)	60-120	
Acetonitrile	93.1	(ppm)	60-120		Benzene	95.6	(ppm)	60-120	
Methanol	94.4	(ppm)	60-120		Propane		50 (ppm)	60-120	
Toluene	80.8	(ppm)	60-120		Dichloromethane	99.3	(ppm)	60-120	
1,4-Dioxane	81.3	(ppm)	60-120		2-Butanol	97.1	(ppm)	60-120	
2-Ethoxyethanol	94.2	(ppm)	60-120		Cumene	81.9	(ppm)	60-120	
Cyclohexane	88.1	(ppm)	60-120		Ethyl acetate	96.0	(ppm)	60-120	
Ethyl ether	94.0	(ppm)	60-120		Ethylene glycol	82.1	(ppm)	60-120	
Ethylene oxide	87.4	(ppm)	60-120		Heptane	95.3	(ppm)	60-120	
Isopropyl acetate	87.1	(ppm)	60-120		Tetrahydrofuran	94.0	(ppm)	60-120	

LCS(P23E089-BS2)			Extracted: 05/26/23 09:45		Analyzed: 05/30/23 15:29				
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits	Notes
n-Butane		125 (ppm)	60-120		iso-Butane		125 (ppm)	60-120	
n-Hexane		87 (ppm)	60-120		2-Methylpentane		87 (ppm)	60-120	
3-Methylpentane		87 (ppm)	60-120		2,2-Dimethylbutane		87 (ppm)	60-120	
2,3-Dimethylbutane		87 (ppm)	60-120		n-Pentane		700 (ppm)	60-120	
iso-Pentane		700 (ppm)	60-120		Neopentane		125 (ppm)	60-120	
1,2-Dimethylbenzene		651 (ppm)	60-120		1,3-Dimethylbenzene		651 (ppm)	60-120	
1,4-Dimethylbenzene		651 (ppm)	60-120		Ethyl benzene		651 (ppm)	60-120	
2-Propanol (IPA)		700 (ppm)	60-120		Acetone		700 (ppm)	60-120	
Acetonitrile		123 (ppm)	60-120		Benzene		0.6 (ppm)	60-120	
Methanol		500 (ppm)	60-120		Propane	108	(ppm)	60-120	
Toluene		267 (ppm)	60-120		Dichloromethane		180 (ppm)	60-120	
1,4-Dioxane		114 (ppm)	60-120		2-Butanol		700 (ppm)	60-120	
2-Ethoxyethanol		48 (ppm)	60-120		Cumene		21 (ppm)	60-120	
Cyclohexane		1139 (ppm)	60-120		Ethyl acetate		1400 (ppm)	60-120	
Ethyl ether		700 (ppm)	60-120		Ethylene glycol		186 (ppm)	60-120	
Ethylene oxide		15 (ppm)	60-120		Heptane		700 (ppm)	60-120	
Isopropyl acetate		700 (ppm)	60-120		Tetrahydrofuran		216 (ppm)	60-120	



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Quality Control

Batch: P23E089 - SOP.T.40.031 Solvents (Continued)

LCS Dup(P23E089-BSD1)			Extracted: 05/26/23 09:45		Analyzed: 05/30/23 15:29				
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits	Notes
n-Butane	78.9	(ppm)	60-120		iso-Butane	71.6	(ppm)	60-120	
n-Hexane	91.2	(ppm)	60-120		2-Methylpentane	93.2	(ppm)	60-120	
3-Methylpentane	91.2	(ppm)	60-120		2,2-Dimethylbutane	91.0	(ppm)	60-120	
2,3-Dimethylbutane	97.1	(ppm)	60-120		n-Pentane	94.6	(ppm)	60-120	
iso-Pentane	95.7	(ppm)	60-120		Neopentane	74.4	(ppm)	60-120	
1,2-Dimethylbenzene	77.9	(ppm)	60-120		1,3-Dimethylbenzene	79.8	(ppm)	60-120	
1,4-Dimethylbenzene	79.8	(ppm)	60-120		Ethyl benzene	79.9	(ppm)	60-120	
2-Propanol (IPA)	101	(ppm)	60-120		Acetone	96.2	(ppm)	60-120	
Acetonitrile	95.1	(ppm)	60-120		Benzene	97.7	(ppm)	60-120	
Methanol	95.7	(ppm)	60-120		Propane		50 (ppm)	60-120	
Toluene	81.2	(ppm)	60-120		Dichloromethane	101	(ppm)	60-120	
1,4-Dioxane	82.2	(ppm)	60-120		2-Butanol	98.2	(ppm)	60-120	
2-Ethoxyethanol	94.9	(ppm)	60-120		Cumene	82.5	(ppm)	60-120	
Cyclohexane	89.7	(ppm)	60-120		Ethyl acetate	97.4	(ppm)	60-120	
Ethyl ether	95.6	(ppm)	60-120		Ethylene glycol	82.5	(ppm)	60-120	
Ethylene oxide	88.5	(ppm)	60-120		Heptane	96.3	(ppm)	60-120	
Isopropyl acetate	88.4	(ppm)	60-120		Tetrahydrofuran	95.2	(ppm)	60-120	

LCS Dup(P23E089-BSD2)			Extracted: 05/26/23 09:45		Analyzed: 05/30/23 15:29				
Analyte	% Recovery	LOQ	Recovery Limits	Notes	Analyte	% Recovery	LOQ	Recovery Limits	Notes
n-Butane		125 (ppm)	60-120		iso-Butane		125 (ppm)	60-120	
n-Hexane		87 (ppm)	60-120		2-Methylpentane		87 (ppm)	60-120	
3-Methylpentane		87 (ppm)	60-120		2,2-Dimethylbutane		87 (ppm)	60-120	
2,3-Dimethylbutane		87 (ppm)	60-120		n-Pentane		700 (ppm)	60-120	
iso-Pentane		700 (ppm)	60-120		Neopentane		125 (ppm)	60-120	
1,2-Dimethylbenzene		651 (ppm)	60-120		1,3-Dimethylbenzene		651 (ppm)	60-120	
1,4-Dimethylbenzene		651 (ppm)	60-120		Ethyl benzene		651 (ppm)	60-120	
2-Propanol (IPA)		700 (ppm)	60-120		Acetone		700 (ppm)	60-120	
Acetonitrile		123 (ppm)	60-120		Benzene		0.6 (ppm)	60-120	
Methanol		500 (ppm)	60-120		Propane	104	(ppm)	60-120	
Toluene		267 (ppm)	60-120		Dichloromethane		180 (ppm)	60-120	
1,4-Dioxane		114 (ppm)	60-120		2-Butanol		700 (ppm)	60-120	
2-Ethoxyethanol		48 (ppm)	60-120		Cumene		21 (ppm)	60-120	
Cyclohexane		1139 (ppm)	60-120		Ethyl acetate		1400 (ppm)	60-120	
Ethyl ether		700 (ppm)	60-120		Ethylene glycol		186 (ppm)	60-120	
Ethylene oxide		15 (ppm)	60-120		Heptane		700 (ppm)	60-120	
Isopropyl acetate		700 (ppm)	60-120		Tetrahydrofuran		216 (ppm)	60-120	



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Quality Control

Batch: P23E090 - SOP.T.40.092 PDX Terpenoid Analysis via GC-MS

Blank(P23E090-BLK1)			Extracted: 05/26/23 09:48			Analyzed: 05/30/23 18:21			
Analyte	Result	LOQ	Recovery Limits	Notes	Analyte	Result	LOQ	Recovery Limits	Notes
alpha-Pinene	< LOQ	0.100 (mg/g)	< LOQ		beta-Pinene	< LOQ	0.100 (mg/g)	< LOQ	
Camphene	< LOQ	0.100 (mg/g)	< LOQ		Sabinene	< LOQ	0.100 (mg/g)	< LOQ	
Sabinene hydrate	< LOQ	0.100 (mg/g)	< LOQ		beta-Myrcene	< LOQ	0.100 (mg/g)	< LOQ	
p-Mentha-1,5-diene	< LOQ	0.100 (mg/g)	< LOQ		(+)-3-Carene	< LOQ	0.100 (mg/g)	< LOQ	
alpha-Terpinene	< LOQ	0.100 (mg/g)	< LOQ		gamma-Terpinene	< LOQ	0.100 (mg/g)	< LOQ	
Limonene	< LOQ	0.100 (mg/g)	< LOQ		Eucalyptol	< LOQ	0.100 (mg/g)	< LOQ	
Guaiol	0.234	0.100 (mg/g)	< LOQ		Terpinolene	< LOQ	0.100 (mg/g)	< LOQ	
Linalool	< LOQ	0.100 (mg/g)	< LOQ		Camphor	< LOQ	0.100 (mg/g)	< LOQ	
(+)-Camphor	< LOQ	0.100 (mg/g)	< LOQ		(-)-Camphor	< LOQ	0.100 (mg/g)	< LOQ	
Isopulegol	< LOQ	0.100 (mg/g)	< LOQ		Isoborneol	< LOQ	0.100 (mg/g)	< LOQ	
Borneol	0.292	0.100 (mg/g)	< LOQ		Hexahydrothymol	< LOQ	0.100 (mg/g)	< LOQ	
Geraniol	< LOQ	0.100 (mg/g)	< LOQ		(+)-Pulegone	< LOQ	0.100 (mg/g)	< LOQ	
Nerol	< LOQ	0.100 (mg/g)	< LOQ		cis-Nerolidol	0.305	0.100 (mg/g)	< LOQ	
trans-Nerolidol	< LOQ	0.100 (mg/g)	< LOQ		Geranyl acetate	< LOQ	0.100 (mg/g)	< LOQ	
alpha-Cedrene	< LOQ	0.100 (mg/g)	< LOQ		trans-Caryophyllene	< LOQ	0.100 (mg/g)	< LOQ	
Caryophyllene Oxide	< LOQ	0.100 (mg/g)	< LOQ		alpha-Humulene	< LOQ	0.100 (mg/g)	< LOQ	
Valencene	< LOQ	0.100 (mg/g)	< LOQ		alpha-Farnesene	< LOQ	0.100 (mg/g)	< LOQ	
beta-Farnesene	< LOQ	0.100 (mg/g)	< LOQ		Cedrol	0.178	0.100 (mg/g)	< LOQ	
alpha-Bisabolol	< LOQ	0.100 (mg/g)	< LOQ		Fenchone	< LOQ	0.100 (mg/g)	< LOQ	
Fenchyl Alcohol	< LOQ	0.100 (mg/g)	< LOQ		trans, beta- Ocimene	< LOQ	0.100 (mg/g)	< LOQ	
beta, cis- Ocimene	< LOQ	0.100 (mg/g)	< LOQ		Terpineol	0.153	0.100 (mg/g)	< LOQ	

Notes and Definitions

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



Carson Newkirk
Laboratory Manager - 6/2/2023