

CHP070121-W

 Sample ID: SA-07062021-2536
 Batch: CHP070121-W
 Type: Finished Materials
 Matrix: Concentrate - Crude

 Received: 07/08/2021
 Completed: 07/14/2021

Client

 California Hemp Producers LLC
 210304 20 1/2 Ave
 Stratford, CA 93266
 USA

Summary
Test

 Cannabinoids
 Heavy Metals
 Pesticides
 Residual Solvents

Date Tested

 07/12/2021
 07/09/2021
 07/09/2021
 07/14/2021

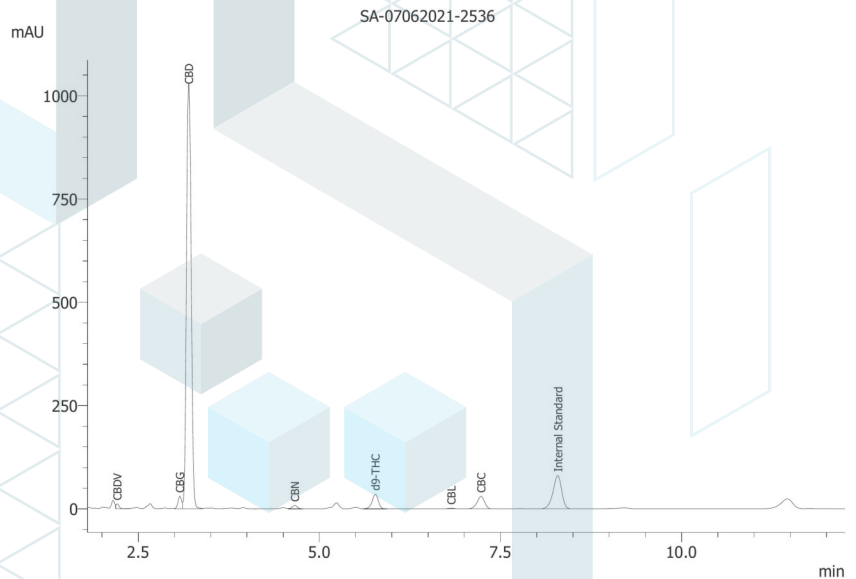
Status

 Tested
 Tested
 Tested
 Tested

Cannabinoids by HPLC-PDA

2.06 %	65.8 %	71.3 %	Not Tested	Not Tested	Yes
Total Δ9-THC	CBD	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Marker Recovered

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	1.8679	18.6793
CBCA	0.0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	65.7657	657.657
CBDA	0.0043	0.013	ND	ND
CBDV	0.0061	0.0182	0.2971	2.9706
CBDVA	0.0021	0.0063	ND	ND
CBG	0.0057	0.0172	1.0297	10.2975
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0335	0.0878	0.8782
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	0.2243	2.2431
CBNA	0.006	0.0181	ND	ND
Δ8-THC	0.0104	0.0312	ND	ND
Δ9-THC	0.0076	0.0227	2.0589	20.589
Δ9-THCA	0.0084	0.0251	ND	ND
Δ9-THCV	0.0069	0.0206	ND	ND
Δ9-THCVA	0.0062	0.0186	ND	ND
Total Δ9-THC			2.0589	20.589
Total CBD			65.7657	657.657
Total			71.3315	713.315



ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD



07/15/2021


 ISO/IEC 17025:2017 Accredited
 Accreditation #108651


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Heavy Metals by ICP-MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Arsenic	2	20	ND
Cadmium	1	20	ND
Lead	2	20	ND
Mercury	12	50	ND

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Pesticides by LC-MS/MS and GC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Abamectin	1	5	ND	Hexythiazox	1	5	ND
Acephate	1	5	ND	Imazalil	1	5	ND
Acequinocyl	1	5	ND	Imidacloprid	1	5	ND
Acetamiprid	1	5	ND	Kresoxim methyl	1	5	ND
Aldicarb	1	5	ND	Malathion	1	5	ND
Azoxystrobin	1	5	ND	Metalaxyl	1	5	ND
Bifenazate	1	5	ND	Methiocarb	1	5	ND
Bifenthrin	1	5	ND	Methomyl	1	5	ND
Boscalid	1	5	ND	Mevinphos	1	5	ND
Captan	1	5	ND	MGK-264	1	5	ND
Carbaryl	1	5	ND	Myclobutanil	1	5	ND
Carbofuran	1	5	ND	Naled	1	5	ND
Chloranthraniliprole	1	5	ND	Oxamyl	1	5	ND
Chlordane	1	5	ND	Paclobutrazol	1	5	ND
Chlorfenapyr	1	5	ND	Parathion methyl	1	5	ND
Chlorpyrifos	1	5	ND	Pentachloronitrobenzene	1	5	ND
Clofentezine	1	5	ND	Permethrin	1	5	ND
Coumaphos	1	5	ND	Phosmet	1	5	ND
Cyfluthrin	1	5	ND	Piperonyl Butoxide	1	5	ND
Cypermethrin	1	5	ND	Prallethrin	1	5	ND
Daminozide	1	5	ND	Propiconazole	1	5	ND
Diazinon	1	5	ND	Propoxur	1	5	ND
Dichlorvos	1	5	ND	Pyrethrins	1	5	ND
Dimethoate	1	5	ND	Pyridaben	1	5	ND
Dimethomorph	1	5	ND	Spinetoram	1	5	ND
Ethoprophos	1	5	ND	Spinosad	1	5	ND
Etofenprox	1	5	ND	Spiromesifen	1	5	ND
Etoxazole	1	5	ND	Spirotetramat	1	5	ND
Fenhexamid	1	5	ND	Spiroxamine	1	5	ND
Fenoxycarb	1	5	ND	Tebuconazole	1	5	ND
Fenpyroximate	1	5	ND	Thiacloprid	1	5	ND
Fipronil	1	5	ND	Thiamethoxam	1	5	ND
Fonicamid	1	5	ND	Trifloxystrobin	1	5	ND
Fludioxonil	1	5	ND				

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Residual Solvents by HS-GC-MS/MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	P/F	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	P/F
Acetone	0.5	1	<RL	P	Ethylene Oxide	0.5	1	ND	P
Acetonitrile	0.5	1	ND	P	Heptane	0.5	1	ND	P
Benzene	0.5	1	ND	P	n-Hexane	0.5	1	ND	P
Butane	0.5	1	<RL	P	Isobutane	0.5	1	ND	P
1-Butanol	0.5	1	ND	P	Isopropyl Acetate	0.5	1	ND	P
2-Butanol	0.5	1	ND	P	Isopropyl Alcohol	0.5	1	<RL	P
2-Butanone	0.5	1	<RL	P	Isopropylbenzene	0.5	1	ND	P
Chloroform	0.5	1	ND	P	Methanol	0.5	1	3541.57	F
Cyclohexane	0.5	1	ND	P	2-Methylbutane	0.5	1	ND	P
1,2-Dichloroethane	0.5	1	ND	P	Methylene Chloride	0.5	1	ND	P
1,2-Dimethoxyethane	0.5	1	ND	P	2-Methylpentane	0.5	1	ND	P
Dimethyl Sulfoxide	0.5	1	ND	P	3-Methylpentane	0.5	1	ND	P
N,N-Dimethylacetamide	0.5	1	<RL	P	n-Pentane	0.5	1	<RL	P
2,2-Dimethylbutane	0.5	1	ND	P	1-Pentanol	0.5	1	ND	P
N,N-Dimethylformamide	0.5	1	<RL	P	n-Propane	0.5	1	ND	P
2,2-Dimethylpropane	0.5	1	ND	P	1-Propanol	0.5	1	ND	P
1,4-Dioxane	0.5	1	ND	P	Pyridine	0.5	1	<RL	P
Ethanol	0.5	1	<RL	P	Tetrahydrofuran	0.5	1	ND	P
2-Ethoxyethanol	0.5	1	ND	P	Toluene	0.5	1	<RL	P
Ethyl Acetate	0.5	1	ND	P	Trichloroethylene	0.5	1	ND	P
Ethyl Ether	0.5	1	ND	P	Tetramethylene Sulfone	0.5	1	ND	P
Ethylbenzene	0.5	1	ND	P	Xylenes (o-, m-, and p-)	0.5	1	<RL	P
Ethylene Glycol	0.5	1	ND	P					

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Reporting Limit Appendix
Heavy Metals -

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Arsenic	200	Lead	500
Cadmium	200	Mercury	100

Residual Solvents - USP 467

Analyte	Limit (ppm)	Analyte	Limit (ppm)
Acetone	500	Ethylene Oxide	1
Acetonitrile	41	Heptane	500
Benzene	1	n-Hexane	29
Butane	500	Isobutane	500
1-Butanol	500	Isopropyl Acetate	500
2-Butanol	500	Isopropyl Alcohol	50
2-Butanone	500	Isopropylbenzene	7
Chloroform	6	Methanol	300
Cyclohexane	388	2-Methylbutane	500
1,2-Dichloroethane	1	Methylene Chloride	60
1,2-Dimethoxyethane	1	2-Methylpentane	29
Dimethyl Sulfoxide	500	3-Methylpentane	29
N,N-Dimethylacetamide	109	n-Pentane	500
2,2-Dimethylbutane	29	1-Pentanol	500
N,N-Dimethylformamide	88	n-Propane	500
2,2-Dimethylpropane	500	1-Propanol	500
1,4-Dioxane	38	Pyridine	20
Ethanol	500	Tetrahydrofuran	72
2-Ethoxyethanol	16	Toluene	89
Ethyl Acetate	500	Trichloroethylene	8
Ethyl Ether	500	Tetramethylene Sulfone	16
Ethylbenzene	7	Xylenes (o-, m-, and p-)	217
Ethylene Glycol	62		

Pesticides -

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Carbofuran	100	Naled	100
Chloranthraniliprole	200	Oxamyl	200
Chlordane	50	Pacllobutrazol	100
Chlorfenapyr	100	Parathion methyl	100
Chlorpyrifos	100	Pentachloronitrobenzene	100
Clofentezine	100	Permethrin	500
Coumaphos	100	Phosmet	50
Cyfluthrin	100	Piperonyl Butoxide	3000
Cypermethrin	1000	Prallethrin	100
Daminozide	100	Propiconazole	100
Diazinon	100	Propoxur	100
Dichlorvos	100	Pyrethrins	500
Dimethoate	100	Pyridaben	100
Dimethomorph	2000	Spinetoram	100
Ethoprophos	100	Spinosad	100
Etofenprox	100	Spiromesifen	100
Etoxazole	10	Spirotetramat	100
Fenhexamid	100	Spiroxamine	100
Fenoxycarb	100	Tebuconazole	100
Fenpyroximate	100	Thiacloprid	100
Fipronil	100	Thiamethoxam	5000
Fonicamid	100	Trifloxystrobin	100
Fludioxonil	100		

Pesticides -

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Abamectin	100	Hexythiazox	100
Acephate	20	Imazalil	100
Acequinocyl	30	Imidacloprid	400
Acetamiprid	50	Kresoxim methyl	100
Aldicarb	100	Malathion	500
Azoxystrobin	100	Metalaxyl	2000
Bifenazate	100	Methiocarb	100
Bifenthrin	500	Methomyl	100
Boscalid	100	Mevinphos	100
Captan	700	MGK-264	200
Carbarvl	25	Mvclobutanil	100

