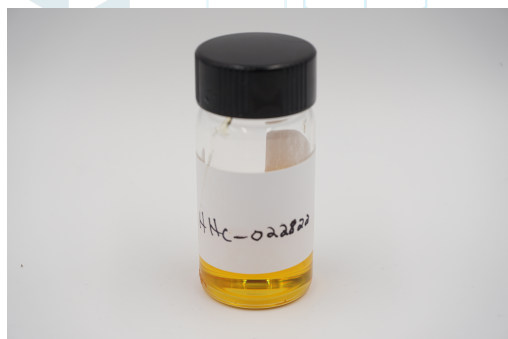


HHC-022822

 Sample ID: SA-220228-7522
 Batch:
 Type: In-Process Materials
 Matrix: Concentrate - Distillate

 Received: 02/28/2022
 Completed: 03/09/2022

Client
 MC Nutraceuticals
 6101 Long Prairie Rd, Ste 144 LB 17
 Flower Mound, TX 75028
 USA

Summary
Test
 Cannabinoids
 Heavy Metals
 Pesticides

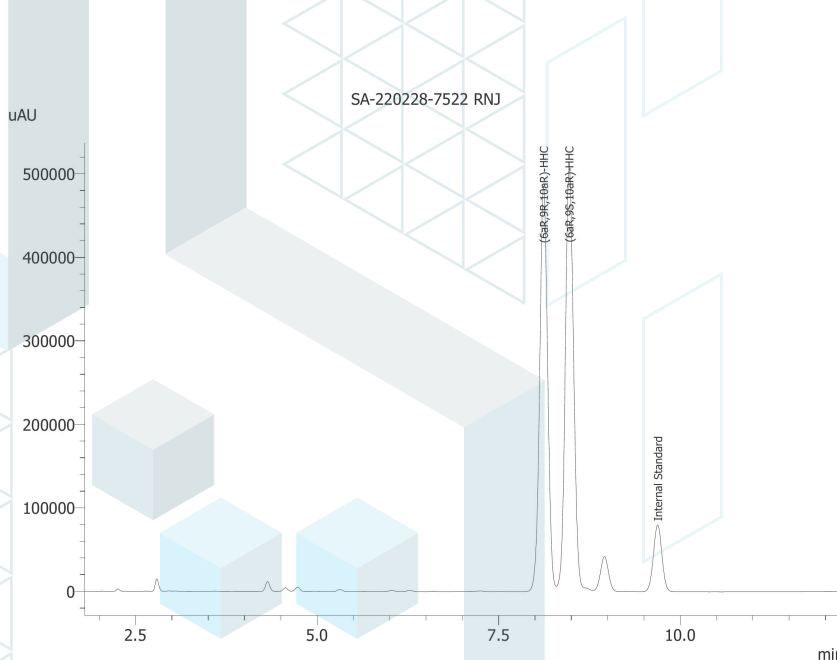
Date Tested
 03/04/2022
 03/04/2022
 03/09/2022

Status
 Tested
 Tested
 Tested

ND	53.4 %	99.4 %	Not Tested	Not Tested	Yes
Total Δ9-THC	(6aR,9S,10aR)-HHC	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization

Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
(6aR,9R,10aR)-HHC	0.1	0.3	45.9	459
(6aR,9S,10aR)-HHC	0.1	0.3	53.4	534
CBC	0.0095	0.0284	ND	ND
CBCA	0.0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	ND	ND
CBDa	0.0043	0.013	ND	ND
CBDV	0.0061	0.0182	ND	ND
CBDVA	0.0021	0.0063	ND	ND
CBE	0.0095	0.0284	ND	ND
CBG	0.0057	0.0172	ND	ND
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0335	ND	ND
CBLa	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	0.0679	0.679
CBNA	0.006	0.0181	ND	ND
CBT	0.0181	0.0543	ND	ND
Δ8-THC	0.0104	0.0312	ND	ND
Δ9-THC	0.0076	0.0227	ND	ND
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			ND	ND
Total CBD			ND	ND
Total			99.4	994



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;



 Generated By: Ryan Bellone
 Commercial Director
 Date: 03/09/2022



 Tested By: Jasper van Heemst
 Principal Scientist
 Date: 03/04/2022

 ISO/IEC 17025:2017 Accredited
 Accreditation #108651


HHC-022822

Sample ID: SA-220228-7522
 Batch:
 Type: In-Process Materials
 Matrix: Concentrate - Distillate

Received: 02/28/2022
 Completed: 03/09/2022

Client
 MC Nutraceuticals
 6101 Long Prairie Rd, Ste 144 LB 17
 Flower Mound, TX 75028
 USA

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

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone
 Commercial Director
 Date: 03/09/2022



Tested By: Nicholas Howard
 Scientist
 Date: 03/04/2022



HHC-022822

 Sample ID: SA-220228-7522
 Batch:
 Type: In-Process Materials
 Matrix: Concentrate - Distillate

 Received: 02/28/2022
 Completed: 03/09/2022

Client
 MC Nutraceuticals
 6101 Long Prairie Rd, Ste 144 LB 17
 Flower Mound, TX 75028
 USA

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

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Acephate	30	100	ND	Hexythiazox	30	100	ND
Acetamiprid	30	100	ND	Imazalil	30	100	ND
Aldicarb	30	100	ND	Imidacloprid	30	100	ND
Azoxystrobin	30	100	ND	Kresoxim methyl	30	100	ND
Bifenazate	30	100	ND	Malathion	30	100	ND
Boscalid	30	100	ND	Metalaxyl	30	100	ND
Carbaryl	30	100	ND	Methiocarb	30	100	ND
Carbofuran	30	100	ND	Methomyl	30	100	ND
Chloranthraniliprole	30	100	ND	Mevinphos	30	100	ND
Chlorfenapyr	30	100	ND	Myclobutanil	30	100	ND
Chlorpyrifos	30	100	ND	Naled	30	100	ND
Clofentezine	30	100	ND	Oxamyl	30	100	ND
Coumaphos	30	100	ND	Paclobutrazol	30	100	ND
Daminozide	30	100	ND	Piperonyl Butoxide	30	100	ND
Diazinon	30	100	ND	Prallethrin	30	100	ND
Dichlorvos	30	100	ND	Propiconazole	30	100	ND
Dimethoate	30	100	ND	Propoxur	30	100	ND
Dimethomorph	30	100	ND	Pyridaben	30	100	ND
Ethoprophos	30	100	ND	Spinetoram	30	100	ND
Etofenprox	30	100	ND	Spinosad	30	100	ND
Etoxazole	30	100	ND	Spiromesifen	30	100	ND
Fenhexamid	30	100	ND	Spirotetramat	30	100	ND
Fenoxycarb	30	100	ND	Spiroxamine	30	100	ND
Fenpyroximate	30	100	ND	Tebuconazole	30	100	ND
Fipronil	30	100	ND	Thiacloprid	30	100	ND
Fludioxonil	30	100	ND	Thiamethoxam	30	100	ND
				Trifloxystrobin	30	100	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



 Generated By: Ryan Bellone
 Commercial Director
 Date: 03/09/2022



 Tested By: Scott Caudill
 Senior Scientist
 Date: 03/09/2022


HHC-022822

 Sample ID: SA-220228-7522
 Batch:
 Type: In-Process Materials
 Matrix: Concentrate - Distillate

 Received: 02/28/2022
 Completed: 03/09/2022

Client
 MC Nutraceuticals
 6101 Long Prairie Rd, Ste 144 LB 17
 Flower Mound, TX 75028
 USA

Reporting Limit Appendix

Heavy Metals - Colorado CDPHE

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Arsenic	1500	Lead	500
Cadmium	500	Mercury	1500

Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Acephate	5000	Hexythiazox	2000
Acetamiprid	5000	Imazalil	30
Aldicarb	30	Imidacloprid	3000
Azoxystrobin	40000	Kresoxim methyl	1000
Bifenazate	5000	Malathion	5000
Boscalid	10000	Metalaxyl	15000
Carbaryl	500	Methiocarb	30
Carbofuran	30	Methomyl	100
Chloranthraniliprole	40000	Mevinphos	30
Chlorfenapyr	30	Myclobutanil	9000
Chlorpyrifos	30	Naled	500
Clofentezine	500	Oxamyl	200
Coumaphos	30	Paclobutrazol	30
Daminozide	30	Piperonyl Butoxide	8000
Diazinon	200	Prallethrin	400
Dichlorvos	30	Propiconazole	20000
Dimethoate	30	Propoxur	30
Dimethomorph	20000	Pyridaben	3000
Ethoprophos	30	Spinetoram	3000
Etofenprox	30	Spinosad	3000
Etoxazole	1500	Spiromesifen	12000
Fenhexamid	10000	Spirotetramat	13000
Fenoxycarb	30	Spiroxamine	30
Fenpyroximate	2000	Tebuconazole	2000
Fipronil	30	Thiacloprid	30
Fludioxonil	30000	Thiamethoxam	4500





CERTIFICATE OF ANALYSIS

CS1196_222101-001_C

Cannabinoids

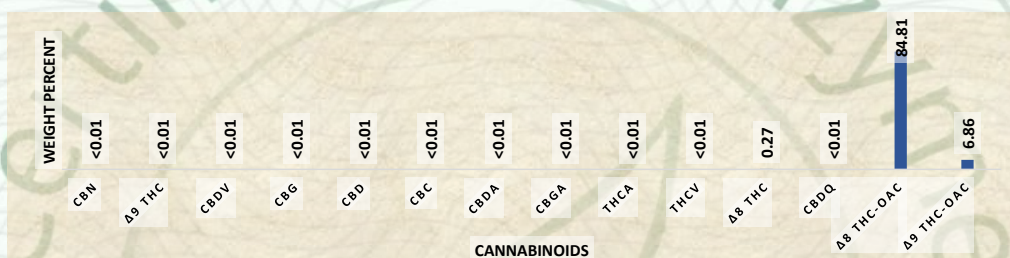
Client Sample ID: THCO-032122
Sample Description: Delta 8 THCO-Acetate
Receive sample: 21-Mar-22
Initiate analyses: 21-Mar-22

MC Nutraceuticals
6101 Long Prairie Rd.
Flower Mound, TX 75028

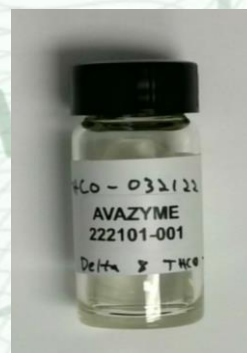
Analyst: Sarah Ashbacher	Analyst Signature: 	Analyst Date: Mar 23, 2022
Reviewed by: Tonya Powell	Reviewer Signature: 	Reviewer Date: Mar 23, 2022

Test Type: Total Cannabinoid Profile **Technical Procedure:** A0033, A0049, A0091

Results:



Cannabinoid	MoU (+/-)	% Weight	Concentration (mg/g)
CBN	NA	<0.01	<0.10
Δ9 THC	NA	<0.01	<0.10
CBDV	NA	<0.01	<0.10
CBG	NA	<0.01	<0.10
CBD	NA	<0.01	<0.10
CBC	NA	<0.01	<0.10
CBDA	NA	<0.01	<0.10
CBGA	NA	<0.01	<0.10
THCA	NA	<0.01	<0.10
THCV	NA	<0.01	<0.10
Δ8 THC	0.019	0.27	2.72
CBDQ	NA	<0.01	<0.10
Δ8 THC-OAc	3.39	84.81	848.13
Δ9 THC-OAc	0.275	6.86	68.64
* total THC		<0.01	<0.10
* total CBD		<0.01	<0.10
* total CBG		<0.01	<0.10
total		91.95	919.49
ratio: Total CBD/THC			NA



* total THC is calculated by Δ9 THC + 0.877xTHCA *total CBD is calculated by CBD + 0.877xCBDA

*total CBG is calculated by CBG + 0.878xCBGA

<0.01 % weight means that any amount of the analyte is below 0.01; which is the lowest amount of the analyte in the sample that can be quantitatively determined with suitable precision and accuracy by this method

Avazyme, Inc is ISO/IEC 17025:2017 accredited by PJLA (accreditation # 101161) for Microbiological and Chemical Testing

MoU "measurement of uncertainty"

Concentration of cannabinoids were determined by Shimadzu UHPLC/MS/MS and HPLC/UV LC2030 Plus with an Avazyme intra lab validated method utilizing certified reference standards for each chemical analyzed.

The result applies only to the sample listed on this certificate. Avazyme cannot guarantee that this sample is representative of the product/lot as a whole. Avazyme warrants that this study was performed in accordance with appropriate laboratory research practices and protocols for the sample submitted.

Avazyme is not responsible for Sponsor's use of the information or concepts generated as part of the study, and will not be liable for any loss or damage resulting from such use.



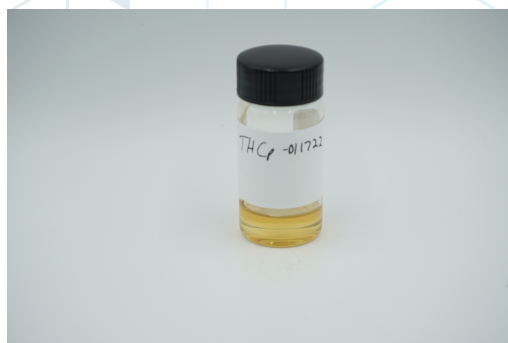
THCp

Sample ID: SA-220118-6732
Batch: 011722
Type: In-Process Materials
Matrix: Concentrate - Distillate

Received: 01/18/2022
Completed: 02/10/2022

Client

MC Nutraceuticals
6101 Long Prairie Rd, Ste 144 LB 17
Flower Mound, TX 75028
USA



Summary

Test

Cannabinoids
Cannabinoids (Additional)
Heavy Metals
Pesticides
Residual Solvents

Date Tested

02/10/2022
02/10/2022
01/31/2022
02/04/2022
02/02/2022

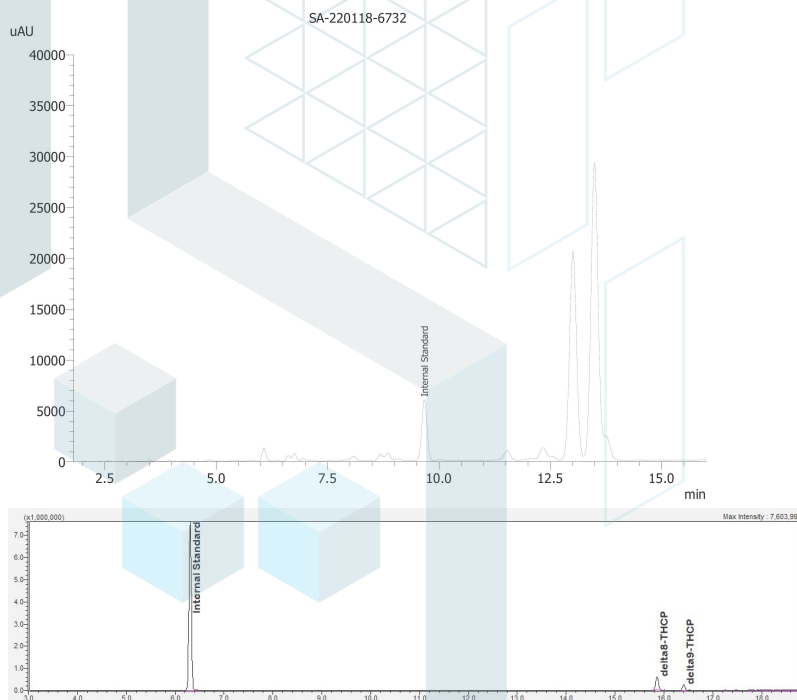
Status

Tested
Tested
Tested
Tested
Tested

Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

ND	ND	ND	Not Tested	Not Tested	Yes
Total Δ9-THC	Total CBD	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	ND	ND
CBCA	0.0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	ND	ND
CBDA	0.0043	0.013	ND	ND
CBDV	0.0061	0.0182	ND	ND
CBDVA	0.0021	0.0063	ND	ND
CBG	0.0057	0.0172	ND	ND
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0335	ND	ND
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	ND	ND
CBNA	0.006	0.0181	ND	ND
Δ8-THC	0.0104	0.0312	ND	ND
Δ9-THC	0.0076	0.0227	ND	ND
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			ND	ND
Total CBD			ND	ND
Total			ND	ND



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;



Generated By: Ryan Bellone
Commercial Director
Date: 02/10/2022



Tested By: Scott Caudill
Senior Scientist
Date: 02/10/2022



ISO/IEC 17025:2017 Accredited
Accreditation #108651



THCp

Sample ID: SA-220118-6732
 Batch: 011722
 Type: In-Process Materials
 Matrix: Concentrate - Distillate

Received: 01/18/2022
 Completed: 02/10/2022

Client
 MC Nutraceuticals
 6101 Long Prairie Rd, Ste 144 LB 17
 Flower Mound, TX 75028
 USA

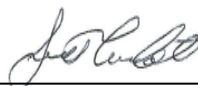
Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
Δ8-THCP			61.8	618.0
Δ9-THCP			32.7	327.0
Total Additional Cannabinoids			94.5	945.0
Total			94.5	945.0

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;



Generated By: Ryan Bellone
 Commercial Director
 Date: 02/10/2022



Tested By: Scott Caudill
 Senior Scientist
 Date: 02/10/2022



ISO/IEC 17025:2017 Accredited
 Accreditation #108651





KCA Laboratories
232 North Plaza Drive
Nicholasville, KY 40356

+1-833-KCA-LABS
<https://kcalabs.com>
KDA Lic.# P_0058

Certificate of Analysis

3 of 6

THCp

Sample ID: SA-220118-6732
Batch: 011722
Type: In-Process Materials
Matrix: Concentrate - Distillate

Received: 01/18/2022
Completed: 02/10/2022

Client

MC Nutraceuticals
6101 Long Prairie Rd, Ste 144 LB 17
Flower Mound, TX 75028
USA

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

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone
Commercial Director
Date: 02/10/2022

Tested By: Alex Morris
Quality Assurance Manager
Date: 01/31/2022



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THCp

Sample ID: SA-220118-6732
 Batch: 011722
 Type: In-Process Materials
 Matrix: Concentrate - Distillate

Received: 01/18/2022
 Completed: 02/10/2022

Client
 MC Nutraceuticals
 6101 Long Prairie Rd, Ste 144 LB 17
 Flower Mound, TX 75028
 USA

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

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Abamectin	30	100	ND	Hexythiazox	30	100	ND
Acetamiprid	30	100	ND	Imazalil	30	100	ND
Aldicarb	30	100	ND	Imidacloprid	30	100	ND
Azoxystrobin	30	100	ND	Metalaxyl	30	100	ND
Boscalid	30	100	ND	Methomyl	30	100	ND
Carbofuran	30	100	ND	Mevinphos	30	100	ND
Chloranthraniliprole	30	100	ND	Myclobutanil	30	100	ND
Chlorpyrifos	30	100	ND	Naled	30	100	ND
Coumaphos	30	100	ND	Oxamyl	30	100	ND
Daminozide	30	100	ND	Paclobutrazol	30	100	ND
Diazinon	30	100	ND	Permethrin	30	100	ND
Dichlorvos	30	100	ND	Piperonyl Butoxide	30	100	ND
Dimethoate	30	100	ND	Propiconazole	30	100	ND
Dimethomorph	30	100	ND	Propoxur	30	100	ND
Etofenprox	30	100	ND	Pyrethrins	30	100	ND
Etoxazole	30	100	ND	Pyridaben	30	100	ND
Fenoxycarb	30	100	ND	Spinetoram	30	100	ND
Fipronil	30	100	ND	Spinosad	30	100	ND
Fludioxonil	30	100	ND	Spiromesifen	30	100	ND
				Spiroxamine	30	100	ND
				Thiacloprid	30	100	ND
				Thiamethoxam	30	100	ND
				Trifloxystrobin	30	100	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone
 Commercial Director
 Date: 02/10/2022



Tested By: Scott Caudill
 Senior Scientist
 Date: 02/04/2022



THCp

Sample ID: SA-220118-6732
 Batch: 011722
 Type: In-Process Materials
 Matrix: Concentrate - Distillate

Received: 01/18/2022
 Completed: 02/10/2022

Client
 MC Nutraceuticals
 6101 Long Prairie Rd, Ste 144 LB 17
 Flower Mound, TX 75028
 USA

Residual Solvents by HS-GC-MS/MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	167	500	ND	Ethylene Glycol	21	62	ND
Acetonitrile	14	41	ND	Ethylene Oxide	0.5	1	ND
Benzene	0.5	1	ND	Heptane	167	500	ND
Butane	167	500	ND	n-Hexane	10	29	ND
1-Butanol	167	500	ND	Isobutane	167	500	ND
2-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanone	167	500	ND	Isopropyl Alcohol	167	500	ND
Chloroform	2	6	ND	Isopropylbenzene	167	500	ND
Cyclohexane	130	388	ND	Methanol	100	300	ND
1,2-Dichloroethane	0.5	1	ND	2-Methylbutane	167	500	ND
1,2-Dimethoxyethane	4	10	ND	Methylene Chloride	20	60	ND
Dimethyl Sulfoxide	167	500	ND	2-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	3-Methylpentane	10	29	ND
2,2-Dimethylbutane	10	29	ND	n-Pentane	167	500	ND
2,3-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
N,N-Dimethylformamide	30	88	ND	n-Propane	167	500	ND
2,2-Dimethylpropane	167	500	ND	1-Propanol	167	500	ND
1,4-Dioxane	13	38	ND	Pyridine	7	20	ND
Ethanol	167	500	ND	Tetrahydrofuran	24	72	ND
2-Ethoxyethanol	6	16	ND	Toluene	30	89	ND
Ethyl Acetate	167	500	ND	Trichloroethylene	3	8	ND
Ethyl Ether	167	500	ND	Tetramethylene Sulfone	6	16	ND
Ethylbenzene	3	7	ND	Xylenes (o-, m-, and p-)	73	217	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone
 Commercial Director
 Date: 02/10/2022



Tested By: Scott Caudill
 Senior Scientist
 Date: 02/02/2022



THCp

Sample ID: SA-220118-6732
Batch: 011722
Type: In-Process Materials
Matrix: Concentrate - Distillate

Received: 01/18/2022
Completed: 02/10/2022

Client

MC Nutraceuticals
6101 Long Prairie Rd, Ste 144 LB 17
Flower Mound, TX 75028
USA

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	5000	Ethylene Glycol	620
Acetonitrile	410	Ethylene Oxide	1
Benzene	2	Heptane	5000
Butane	5000	n-Hexane	290
1-Butanol	5000	Isobutane	5000
2-Butanol	5000	Isopropyl Acetate	5000
2-Butanone	5000	Isopropyl Alcohol	5000
Chloroform	60	Isopropylbenzene	5000
Cyclohexane	3880	Methanol	3000
1,2-Dichloroethane	5	2-Methylbutane	5000
1,2-Dimethoxyethane	100	Methylene Chloride	600
Dimethyl Sulfoxide	5000	2-Methylpentane	290
N,N-Dimethylacetamide	1090	3-Methylpentane	290
2,2-Dimethylbutane	290	n-Pentane	5000
	290	1-Pentanol	5000
N,N-Dimethylformamide	880	n-Propane	5000
2,2-Dimethylpropane	5000	1-Propanol	5000
1,4-Dioxane	380	Pyridine	200
Ethanol	5000	Tetrahydrofuran	720
2-Ethoxyethanol	160	Toluene	890
Ethyl Acetate	5000	Trichloroethylene	80
Ethyl Ether	5000	Tetramethylene Sulfone	160
Ethylbenzene	70	Xylenes (o-, m-, and p-)	2170

Pesticides - CA BCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Daminozide	30	Paclobutrazol	30
Diazinon	200	Permethrin	20000
Dichlorvos	30	Piperonyl Butoxide	8000
Dimethoate	30	Propiconazole	20000
Dimethomorph	20000	Propoxur	30
Etofenprox	30	Pyrethrins	1000
Etoazole	1500	Pyridaben	3000
Fenoxycarb	30	Spinetoram	3000
Fipronil	30	Spinosad	3000
Fludioxonil	30000	Spiromesifen	12000

Pesticides - CA BCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Abamectin	300	Hexythiazox	2000
Acetamiprid	5000	Imazalil	30
Aldicarb	30	Imidacloprid	3000
Azoxystrobin	40000	Metaxyl	15000
Boscalid	10000	Methomyl	100
Carbofuran	30	Mevinphos	30
Chloranthraniliprole	40000	Myclobutanil	9000
Chlorpyrifos	30	Naled	500
Coumaphos	30	Oxamyl	200



MCNutraaceuticals

Sample 196-011722-386

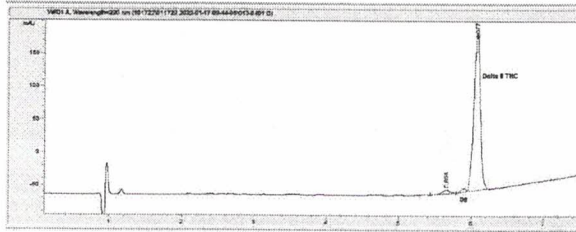
D8C-011722

Sample Submitted: 01-17-2022; Report Date: 01-17-2022

D8C-011722

Distillate

Chromatogram



Cannabinoid Profile



Cannabinoid Profile by HPLC

0.08%

Calculated THC Yield

0.00%

Calculated CBD Yield

96.10%

Total Cannabinoids

Cannabinoid	% wt	mg/g
Delta-8-THC	96.02	960.2
THC	0.08	0.8
Total Cannabinoids	96.10	961.0
Calculated THC Yield	0.08	0.80
Calculated CBD Yield	0.00	0.00
Calculated Maximum THC Yield = $\text{THC} + 0.877 \times \text{THCA}$		
Calculated Maximum CBD Yield = $\text{CBD} + 0.877 \times \text{CBDA}$		

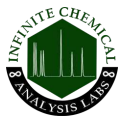
Marin Analytics, LLC

250 Bel Marin Keys Blvd, Suite D4
Novato, CA 94949

415-936-6477 / sarabiancalana1@gmail.com

Sara Biancalana
Chief Scientist

This sample has been tested by Marin Analytics, LLC using valid testing methodologies and a quality system. Values reported relate only to the sample tested. Marin Analytics, LLC makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Marin Analytics, LLC.



Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

1 of 3

ICAL ID: 20190517-032
Sample: 1905ICA2391.7094
Blue Dream
Strain: Blue Dream
Category: Other

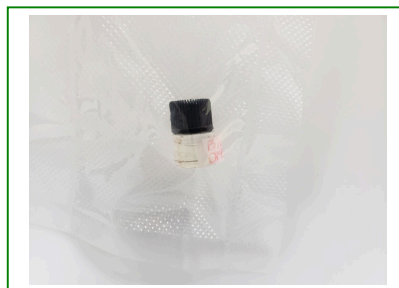
Standard Xtracts
Lic. #
, CA 92121
Lic. #

Batch#:
Primary Size:
Total/Batch Size:
Collected: 05/20/2019; Received: 05/20/2019
Completed: 05/20/2019

Moisture NT Water Activity NT	Total THC NT	Total CBD NT	Total Cannabinoids NT	Total Terpenes 991.27 mg/g
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Summary

Batch	SOP Used	Date Tested	
Terpenes	SOP:TERP.MS.PureTerpene	05/17/2019	Pass
Pesticides	PEST.002.Extract	05/17/2019	Complete



Scan to see results

Cannabinoid Profile

Analyte	LOQ	LOD	%	mg/g	Analyte	LOQ	LOD	%	mg/g
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Total THC=THCa * 0.877 + d9-THC; Total CBD = CBDA * 0.877 + CBD; NR= Not Reported, ND= Not Detected, *Reported by Dry Mass*; *analytical instrumentation used Cannabinoids:UHPLC-DAD, Moisture:Mass by Drying, Water Activity:Water Activity Meter, Foreign Material:Microscope*

Terpene Profile

Analyte	LOQ	LOD	%	mg/g	Analyte	LOQ	LOD	%	mg/g
β-Myrcene	0.20	0.10	16.869	168.69	Eucalyptol	0.20	0.10	0.449	4.49
β-Caryophyllene	0.20	0.10	15.015	150.15	p-Cymene	0.20	0.10	0.402	4.02
δ-Limonene	0.20	0.10	13.793	137.93	α-Terpinene	0.20	0.10	0.337	3.37
α-Pinene	0.20	0.10	13.083	130.83	γ-Terpinene	0.20	0.10	0.314	3.14
β-Pinene	0.20	0.10	10.833	108.33	(-)-Guaiol	0.20	0.10	0.197	1.97
Terpinolene	0.20	0.10	9.586	95.86	Ocimene	0.20	0.10	0.194	1.94
α-Humulene	0.20	0.10	6.686	66.86	α-Bisabolol	0.20	0.10	ND	ND
Linalool	0.20	0.10	5.010	50.10	cis-Nerolidol	0.20	0.10	ND	ND
β-Ocimene	0.20	0.10	4.624	46.24	Geraniol	0.20	0.10	ND	ND
Camphene	0.20	0.10	0.687	6.87	(-)-Isopulegol	0.20	0.10	ND	ND
Caryophyllene Oxide	0.20	0.10	0.548	5.48	trans-Nerolidol	0.20	0.10	ND	ND
δ-3-Carene	0.20	0.10	0.501	5.01	Total			99.127	991.27

NR= Not Reported thus no analysis was performed, ND= Not Detected thus the concentration is less then the Limit of Quantification (LOQ), *analytical instrumentation used:HS-GC-FID-FID*



Infinite Chemical Analysis Labs
8380 Miramar Mall #102
San Diego, CA
(858) 623-2740
www.infiniteCAL.com
Lic# C8-18-0000019-TEMP

Josh M Swider

Josh Swider
Lab Director, Managing Partner
05/20/2019

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(866) 506-5866
www.confidentcannabis.com



This product has been tested by Infinite Chemical Analysis, LLC using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 5730, pursuant to 16 CCR section 5726(e)(13). Values reported relate only to the product tested. Infinite Chemical Analysis, LLC makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Infinite Chemical Analysis, LLC.



Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

2 of 3

ICAL ID: 20190517-032
Sample: 1905ICA2391.7094
Blue Dream
Strain: Blue Dream
Category: Other

Standard Xtracts
Lic. #
, CA 92121
Lic. #

Batch#:
Primary Size:
Total/Batch Size:
Collected: 05/20/2019; Received: 05/20/2019
Completed: 05/20/2019

Residual Solvent Analysis

Category 1	LOQ	LOD	Limit	Status	Category 2	LOQ	LOD	Limit	Status	Category 2	LOQ	LOD	Limit	Status
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Heavy Metal Screening

LOQ	LOD	Limit	Status
-----	-----	-------	--------

NR= Not Reported thus no analysis was performed, ND= Not Detected thus the concentration is less then the Limit of Quantification (LOQ) , *analytical instrumentation used:ICP-MS*

Microbiological Screening

Result	Status
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ND=Not Detected; *analytical instrumentation used:qPCR*



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QA SAMPLE - INFORMATIONAL ONLY

3 of 3

ICAL ID: 20190517-032
Sample: 1905ICA2391.7094
Blue Dream
Strain: Blue Dream
Category: Other

Standard Xtracts
Lic. #
, CA 92121
Lic. #

Batch#:
Primary Size:
Total/Batch Size:
Collected: 05/20/2019; Received: 05/20/2019
Completed: 05/20/2019

Chemical Residue Screening

Category 1	LOQ	LOD	Status	Mycotoxins	LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g					
Aldicarb	ND	0.05	0.03	Pass				
Carbofuran	ND	0.05	0.03	Pass				
Chlordane	ND	0.1	0.05	Pass				
Chlorfenapyr	ND	0.1	0.05	Pass				
Chlorpyrifos	ND	0.05	0.03	Pass				
Coumaphos	ND	0.05	0.03	Pass				
Daminozide	ND	0.05	0.03	Pass				
DDVP	ND	0.05	0.03	Pass				
Dimethoate	ND	0.05	0.03	Pass				
Ethoprophos	ND	0.05	0.03	Pass				
Etofenprox	ND	0.05	0.03	Pass				
Fenoxycarb	ND	0.05	0.03	Pass				
Fipronil	ND	0.05	0.03	Pass				
Imazalil	ND	0.05	0.03	Pass				
Methiocarb	ND	0.05	0.03	Pass				
Methyl Parathion	ND	0.1	0.05	Pass				
Mevinphos	ND	0.05	0.03	Pass				
Paclobutrazol	ND	0.05	0.03	Pass				
Propoxur	ND	0.05	0.03	Pass				
Spiroxamine	ND	0.05	0.03	Pass				
Thiacloprid	ND	0.05	0.03	Pass				

Category 2	LOQ	LOD	Limit	Status	Category 2	LOQ	LOD	Limit	Status		
	µg/g	µg/g	µg/g	µg/g		µg/g	µg/g	µg/g	µg/g		
Abamectin	ND	0.05	0.03	0.3	Pass	Kresoxim Methyl	ND	0.05	0.03	1	Pass
Acephate	ND	0.05	0.03	5	Pass	Malathion	ND	0.05	0.03	5	Pass
Acequinocyl	ND	0.05	0.03	4	Pass	Metalaxyl	ND	0.05	0.03	15	Pass
Acetamiprid	ND	0.05	0.03	5	Pass	Methomyl	ND	0.45	0.2	0.1	Pass
Azoxystrobin	ND	0.05	0.03	40	Pass	Myclobutanil	ND	0.05	0.03	9	Pass
Bifenazate	ND	0.05	0.03	5	Pass	Naled	ND	0.1	0.05	0.5	Pass
Bifenthrin	ND	0.25	0.1	0.5	Pass	Oxamyl	ND	0.2	0.1	0.3	Pass
Boscalid	ND	0.05	0.03	10	Pass	Pentachloronitrobenzene	ND	0.1	0.05	0.2	Pass
Captan	ND	0.35	0.2	5	Pass	Permethrin	ND	0.25	0.1	20	Pass
Carbaryl	0.291	0.05	0.03	0.5	Pass	Phosmet	ND	0.05	0.03	0.2	Pass
Chlorantraniliprole	ND	0.05	0.03	40	Pass	Piperonyl Butoxide	ND	0.25	0.1	8	Pass
Clofentezine	ND	0.05	0.03	0.5	Pass	Prallethrin	ND	0.05	0.03	0.4	Pass
Cyfluthrin	ND	0.35	0.25	1	Pass	Propiconazole	ND	0.05	0.03	20	Pass
Cypermethrin	ND	0.35	0.2	1	Pass	Pyrethrins	ND	0.25	0.1	1	Pass
Diazinon	ND	0.05	0.03	0.2	Pass	Pyridaben	ND	0.05	0.03	3	Pass
Dimethomorph	ND	0.05	0.03	20	Pass	Spinetoram	ND	0.05	0.03	3	Pass
Etoxazole	ND	0.05	0.03	1.5	Pass	Spinosad	ND	0.05	0.03	3	Pass
Fenhexamid	ND	0.05	0.03	10	Pass	Spiromesifen	ND	0.05	0.03	12	Pass
Fenpyroximate	ND	0.05	0.03	2	Pass	Spirotetramat	ND	0.05	0.03	13	Pass
Flonicamid	ND	0.05	0.03	2	Pass	Tebuconazole	ND	0.05	0.03	2	Pass
Fludioxonil	ND	0.05	0.03	30	Pass	Thiamethoxam	ND	0.25	0.1	4.5	Pass
Hexythiazox	ND	0.05	0.03	2	Pass	Trifloxystrobin	ND	0.05	0.03	30	Pass
Imidacloprid	ND	0.35	0.1	3	Pass						

Unknown Analyte(s):

NR= Not Reported thus no analysis was performed, ND= Not Detected thus the concentration is less then the Limit of Quantification (LOQ) , *analytical instrumentation used:LC-MSMS & GC-MSMS*



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