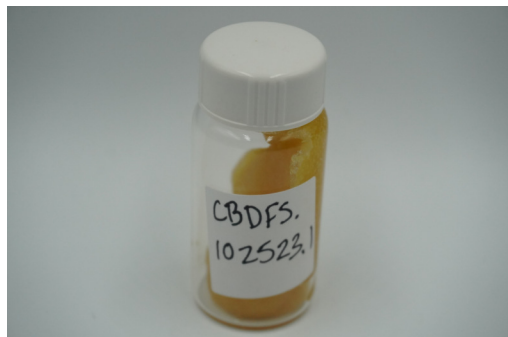


CBDFS.102523.1

 Sample ID: SA-231113-29942
 Batch:
 Type: In-Process Material
 Matrix: Concentrate - Distillate
 Unit Mass (g):

 Received: 11/13/2023
 Completed: 11/30/2023

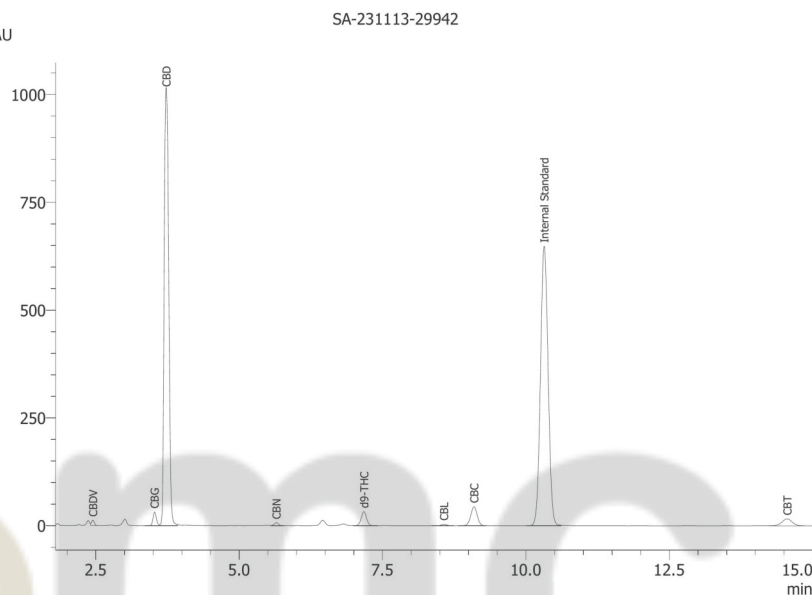
Client
 MC Nutraceuticals
 6101 Long Prairie Rd, Ste 144 LB 17
 Flower Mound, TX 75028
 USA

Summary

Test	Date Tested	Status
Cannabinoids	11/21/2023	Tested
Heavy Metals	11/30/2023	Passed
Pesticides	11/29/2023	Passed
Residual Solvents	11/29/2023	Passed

2.16 %	91.1 %	99.4 %	Not Tested	Not Tested	Yes
Total Δ9-THC	CBD	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization

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

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	mAU
CBC	0.0095	0.0284	3.05	30.5	
CBCA	0.0181	0.0543	ND	ND	
CBCV	0.006	0.018	ND	ND	
CBD	0.0081	0.0242	91.1	911	
CBDA	0.0043	0.013	ND	ND	
CBDV	0.0061	0.0182	0.195	1.95	
CBDVA	0.0021	0.0063	ND	ND	
CBG	0.0057	0.0172	1.18	11.8	
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	0.122	1.22	
CBNA	0.006	0.0181	ND	ND	
CBT	0.018	0.054	1.63	16.3	
Δ8-THC	0.0104	0.0312	ND	ND	
Δ9-THC	0.0076	0.0227	2.16	21.6	
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			2.16	21.6	
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
 CCO

Date: 12/20/2023



 Tested By: Nicholas Howard
 Scientist

Date: 11/21/2023


 ISO/IEC 17025:2017 Accredited
 Accreditation #108651


CBDFS.102523.1

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 Flower Mound, TX 75028
 USA

Heavy Metals by ICP-MS


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

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
 CCO

Date: 12/20/2023



 Tested By: Chris Farman
 Scientist

Date: 11/30/2023



CBDFS.102523.1

 Sample ID: SA-231113-29942
 Batch:
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 Unit Mass (g):

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

Pesticides by LC-MS/MS

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

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
 CCO
 Date: 12/20/2023



 Tested By: Jasper van Heemst
 Principal Scientist
 Date: 11/29/2023


CBDFS.102523.1

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Client

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

Residual Solvents by HS-GC-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	P/F	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	P/F
Acetone	167	500	ND	P	Ethylene Oxide	0.5	1	ND	P
Acetonitrile	14	41	ND	P	Heptane	167	500	ND	P
Benzene	0.5	1	ND	P	n-Hexane	10	29	ND	P
Butane	167	500	ND	P	Isobutane	167	500	ND	P
1-Butanol	167	500	ND	P	Isopropyl Acetate	167	500	ND	P
2-Butanol	167	500	ND	P	Isopropyl Alcohol	167	500	ND	P
2-Butanone	167	500	ND	P	Isopropylbenzene	167	500	ND	P
Chloroform	2	6	ND	P	Methanol	100	300	ND	P
Cyclohexane	129	388	ND	P	2-Methylbutane	10	29	ND	P
1,2-Dichloroethane	0.5	1	ND	P	Methylene Chloride	20	60	ND	P
1,2-Dimethoxyethane	4	10	ND	P	2-Methylpentane	10	29	ND	P
Dimethyl Sulfoxide	167	500	ND	P	3-Methylpentane	10	29	ND	P
N,N-Dimethylacetamide	37	109	ND	P	n-Pentane	167	500	ND	P
2,2-Dimethylbutane	10	29	ND	P	1-Pentanol	167	500	ND	P
2,3-Dimethylbutane	10	29	ND	P	n-Propane	167	500	ND	P
N,N-Dimethylformamide	30	88	ND	P	1-Propanol	167	500	ND	P
2,2-Dimethylpropane	167	500	ND	P	Pyridine	7	20	ND	P
1,4-Dioxane	13	38	ND	P	Tetrahydrofuran	24	72	ND	P
Ethanol	167	500	ND	P	Toluene	30	89	ND	P
2-Ethoxyethanol	6	16	ND	P	Trichloroethylene	3	8	ND	P
Ethyl Acetate	167	500	ND	P	Xylenes (o-, m-, and p-)	73	217	ND	P
Ethyl Ether	167	500	ND	P					
Ethylbenzene	3	7	ND	P					

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
 CCO

Date: 12/20/2023



 Tested By: Kelsey Rogers
 Scientist

Date: 11/29/2023



CBDFS.102523.1

 Sample ID: SA-231113-29942
 Batch:
 Type: In-Process Material
 Matrix: Concentrate - Distillate
 Unit Mass (g):

 Received: 11/13/2023
 Completed: 11/30/2023

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

Residual Solvents - USP 467

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

Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Carbaryl	500	Myclobutanil	9000
Carbofuran	30	Naled	500
Chloranthraniliprole	40000	Oxamyl	200
Chlorfenapyr	30	Pacllobutrazol	30
Chlorpyrifos	30	Permethrin	20000
Clofentezine	500	Phosmet	200
Coumaphos	30	Piperonyl Butoxide	8000
Cypermethrin	1000	Prallethrin	400
Daminozide	30	Propiconazole	20000
Diazinon	200	Propoxur	30
Dichlorvos	30	Pyrethrins	1000
Dimethoate	30	Pyridaben	3000
Dimethomorph	20000	Spinetoram	3000
Ethoprophos	30	Spinosad	3000
Etofenprox	30	Spiromesifen	12000
Etozazole	1500	Spirotetramat	13000
Fenhexamid	10000	Spiroxamine	30
Fenoxycarb	30	Tebuconazole	2000
Fenpyroximate	2000	Thiacloprid	30
Fipronil	30	Thiamethoxam	4500
Fonicamid	2000	Trifloxystrobin	30000
Fludioxonil	30000		

Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Abamectin	300	Hexythiazox	2000
Acephate	5000	Imazalil	30
Acequinocyl	4000	Imidacloprid	3000
Acetamiprid	5000	Kresoxim methyl	1000
Aldicarb	30	Malathion	5000
Azoxystrobin	40000	Metalaxyl	15000
Bifenazate	5000	Methiocarb	30
Bifenthrin	500	Methomyl	100
Boscalid	10000	Mevinphos	30

