

3Chi Delta 10 Cali-O (CDT)

Sample ID: SA-220427-8848
 Batch: 220425-D10CALIO
 Type: Finished Products
 Matrix: Concentrate - Distillate
 Unit Mass (g):

Received: 04/28/2022
 Completed: 05/16/2022

Client
 3Chi
 275 Medical Dr #857
 Carmel, IN 46082
 USA
 Lic. #: 18_0235



Summary

Test	Date Tested	Status
Cannabinoids	05/16/2022	Tested
Heavy Metals	04/29/2022	Tested
Microbials	05/03/2022	Tested
Mycotoxins	05/09/2022	Tested
Pesticides	05/09/2022	Tested
Residual Solvents	05/06/2022	Tested
Terpenes	05/10/2022	Tested

0.268 % Total Δ9-THC	70.5 % Δ8-THC	89.0 % Total Cannabinoids	Not Tested Moisture Content	Not Tested Foreign Matter	Yes Internal Standard Normalization
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Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

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	0.878	8.78
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
CBT	0.0181	0.0543	ND	ND
Δ6a,10a-THC	0.1	0.3	14.6	146
Δ8-THC	0.0104	0.0312	70.5	705
Δ9-THC	0.0076	0.0227	0.268	2.68
Δ9-THCA	0.0084	0.0251	ND	ND
Δ9-THCV	0.0069	0.0206	ND	ND
Δ9-THCVA	0.0062	0.0186	ND	ND
(6aR,9R)-Δ10-THC	0.1	0.3	1.02	10.2
(6aR,9S)-Δ10-THC	0.1	0.3	1.70	17.0
Δ9-cis-THC	0.0095	0.0284	ND	ND
Total Δ9-THC			0.268	2.68
Total CBD			0.878	8.78
Total			89.0	890

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: 05/16/2022



Tested By: Scott Caudill
 Senior Scientist
 Date: 05/16/2022



ISO/IEC 17025:2017 Accredited
 Accreditation #108651



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Terpenes by HS-GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
α -Bisabolol	0.00100	0.00500	ND	Limonene	0.001	0.005	0.4442
(+)-Borneol	0.00100	0.00500	ND	Linalool	0.001	0.005	0.0725
Camphene	0.00100	0.00500	0.0188	β -myrcene	0.001	0.005	1.691
Camphor	0.00100	0.00500	ND	Nerol	0.001	0.005	ND
3-Carene	0.00100	0.00500	ND	cis-Nerolidol	0.001	0.005	ND
β -Caryophyllene	0.00100	0.00500	ND	trans-Nerolidol	0.001	0.005	ND
Caryophyllene Oxide	0.00100	0.00500	ND	Ocimene	0.001	0.005	0.0429
α -Cedrene	0.00100	0.00500	ND	α -Phellandrene	0.001	0.005	ND
Cedrol	0.00100	0.00500	ND	α -Pinene	0.001	0.005	0.7022
Eucalyptol	0.00100	0.00500	ND	β -Pinene	0.001	0.005	0.2705
Fenchone	0.00100	0.00500	ND	Pulegone	0.001	0.005	ND
Fenchyl Alcohol	0.00100	0.00500	ND	Sabinene	0.001	0.005	ND
Geraniol	0.00100	0.00500	ND	Sabinene Hydrate	0.001	0.005	ND
Geranyl Acetate	0.00100	0.00500	ND	α -Terpinene	0.001	0.005	ND
Guaiol	0.00100	0.00500	ND	γ -Terpinene	0.001	0.005	ND
Hexadhydrothymol	0.00100	0.00500	ND	α -Terpineol	0.001	0.005	ND
α -Humulene	0.00100	0.00500	0.0183	γ -Terpineol	0.001	0.005	ND
Isoborneol	0.00100	0.00500	ND	Terpinolene	0.001	0.005	0.0604
Isopulegol	0.00100	0.00500	ND	Total Terpenes (%)			3.32

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



Fruity



Earth



Tropical



Pine



Rosemary



Generated By: Ryan Bellone
 Commercial Director
 Date: 05/16/2022



Tested By: Scott Caudill
 Senior Scientist
 Date: 05/10/2022





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Nicholasville, KY 40356

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KDA Lic.# P_0058

Certificate of Analysis

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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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Generated By: Ryan Bellone
Commercial Director
Date: 05/16/2022

Tested By: Nicholas Howard
Scientist
Date: 04/29/2022



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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)
Acetamiprid	30	100	ND	Hexythiazox	30	100	ND
Aldicarb	30	100	ND	Imazalil	30	100	ND
Azoxystrobin	30	100	ND	Imidacloprid	30	100	ND
Bifenazate	30	100	ND	Kresoxim methyl	30	100	ND
Boscalid	30	100	ND	Malathion	30	100	ND
Carbaryl	30	100	ND	Metaxyl	30	100	ND
Carbofuran	30	100	ND	Methiocarb	30	100	ND
Chloranthraniliprole	30	100	ND	Methomyl	30	100	ND
Chlorfenapyr	30	100	ND	Mevinphos	30	100	ND
Chlorpyrifos	30	100	ND	Myclobutanil	30	100	ND
Clofentezine	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	Phosmet	30	100	ND
Dichlorvos	30	100	ND	Piperonyl Butoxide	30	100	ND
Dimethoate	30	100	ND	Prallethrin	30	100	ND
Dimethomorph	30	100	ND	Propiconazole	30	100	ND
Etoxazole	30	100	ND	Propoxur	30	100	ND
Fenhexamid	30	100	ND	Pyrethrins	30	100	ND
Fenoxycarb	30	100	ND	Pyridaben	30	100	ND
Fenpyroximate	30	100	ND	Spinetoram	30	100	ND
Fipronil	30	100	ND	Spinosad	30	100	ND
Fludioxonil	30	100	ND	Spiromesifen	30	100	ND
				Spirotetramat	30	100	ND
				Spiroxamine	30	100	ND
				Tebuconazole	30	100	ND
				Thiacloprid	30	100	ND
				Thiamethoxam	30	100	ND
				Trifloxystrobin	30	100	ND

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Generated By: Ryan Bellone
 Commercial Director
 Date: 05/16/2022



Tested By: Scott Caudill
 Senior Scientist
 Date: 05/09/2022



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Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
B1	1	5	ND
B2	1	5	ND
G1	1	5	ND
G2	1	5	ND
Ochratoxin A	1	5	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: 05/16/2022



Tested By: Scott Caudill
 Senior Scientist
 Date: 05/09/2022



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Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Coliforms	1	ND	
Aerobic Bacteria	1	ND	
Salmonella			Not Detected per 1 gram
Total Enterobacteriaceae			Not Detected per 1 gram

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



Generated By: Ryan Bellone
 Commercial Director
 Date: 05/16/2022



Tested By: Alex Morris
 Quality Assurance Manager
 Date: 05/03/2022



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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	Heptane	167	500	ND
Acetonitrile	14	41	ND	n-Hexane	10	29	ND
2-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
Cyclohexane	129	388	ND	Isopropyl Alcohol	167	500	ND
1,4-Dioxane	13	38	ND	Methanol	100	300	ND
Ethanol	167	500	ND	2-Methylbutane	10	29	ND
2-Ethoxyethanol	6	16	ND	Methylene Chloride	20	60	ND
Ethyl Acetate	167	500	ND	2-Methylpentane	10	29	ND
Ethyl Ether	167	500	ND	3-Methylpentane	10	29	ND
Ethylbenzene	3	7	ND	n-Pentane	167	500	ND
				Tetrahydrofuran	24	72	ND
				Toluene	30	89	ND
				Xylenes (o-, m-, and p-)	73	217	ND

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Generated By: Ryan Bellone
 Commercial Director
 Date: 05/16/2022



Tested By: Scott Caudill
 Senior Scientist
 Date: 05/06/2022



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Reporting Limit Appendix

Heavy Metals - Colorado CDPHE

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

Microbials - Colorado CDPHE

Analyte	Limit (CFU/g)	Analyte	Limit (CFU/g)
Coliforms	100	Aerobic Bacteria	10000

Residual Solvents - USP 467

Analyte	Limit (ppm)	Analyte	Limit (ppm)
Acetone	5000	Heptane	5000
Acetonitrile	410	n-Hexane	290
2-Butanol	5000	Isopropyl Acetate	5000
Cyclohexane	3880	Isopropyl Alcohol	5000
1,4-Dioxane	380	Methanol	3000
Ethanol	5000	2-Methylbutane	290
2-Ethoxyethanol	160	Methylene Chloride	600
Ethyl Acetate	5000	2-Methylpentane	290
Ethyl Ether	5000	3-Methylpentane	290
Ethylbenzene	70	n-Pentane	5000

Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Acetamiprid	5000	Hexythiazox	2000
Aldicarb	30	Imazalil	30
Azoxystrobin	40000	Imidacloprid	3000
Bifenazate	5000	Kresoxim methyl	1000
Boscalid	10000	Malathion	5000
Carbaryl	500	Metaxyl	15000
Carbofuran	30	Methiocarb	30
Chloranthraniliprole	40000	Methomyl	100
Chlorfenapyr	30	Mevinphos	30
Chlorpyrifos	30	Myclobutanil	9000
Clofentezine	500	Naled	500
Coumaphos	30	Oxamyl	200
Daminozide	30	Paclobutrazol	30
Diazinon	200	Phosmet	200
Dichlorvos	30	Piperonyl Butoxide	8000

Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Dimethoate	30	Prallethrin	400
Dimethomorph	20000	Propiconazole	20000
Etoazole	1500	Propoxur	30
Fenhexamid	10000	Pyrethrins	1000
Fenoxycarb	30	Pyridaben	3000
Fenpyroximate	2000	Spinetoram	3000
Fipronil	30	Spinosad	3000
Fludioxonil	30000	Spiromesifen	12000

Mycotoxins - Colorado CDPHE

Analyte	Limit (ppm)	Analyte	Limit (ppm)
B1	5	B2	5
G1	5	G2	5
Ochratoxin A	5		

