

### 3Chi HHC:D9 - 825 mg

 Sample ID: SA-230413-20455  
 Batch: 06APR23-HHCD9825  
 Type: Finished Products  
 Matrix: Oil / Liquid - MCT Oil  
 Unit Mass (g):

 Received: 04/18/2023  
 Completed: 04/27/2023

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


### Summary

Test	Date Tested	Status
Cannabinoids	04/27/2023	Tested
Heavy Metals	04/19/2023	Tested
Microbials	04/24/2023	Tested
Mycotoxins	04/21/2023	Tested
Pesticides	04/21/2023	Tested
Residual Solvents	04/21/2023	Tested

<b>0.346 mg/mL</b> Total Δ9-THC	<b>17.0 mg/mL</b> (6aR,9R,10aR)-HHC	<b>27.4 mg/mL</b> Total Cannabinoids	<b>Not Tested</b> Moisture Content	<b>Not Tested</b> Foreign Matter	<b>Yes</b> Internal Standard Normalization
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### Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (%)	Result (mg/unit)
CBC	0.00095	0.00284	ND	ND	ND
CBCA	0.00181	0.00543	ND	ND	ND
CBCV	0.0006	0.0018	ND	ND	ND
CBD	0.00081	0.00242	ND	ND	ND
CBDA	0.00043	0.0013	ND	ND	ND
CBDV	0.00061	0.00182	ND	ND	ND
CBDVA	0.00021	0.00063	ND	ND	ND
CBG	0.00057	0.00172	ND	ND	ND
CBGA	0.00049	0.00147	ND	ND	ND
CBL	0.00112	0.00335	ND	ND	ND
CBLA	0.00124	0.00371	ND	ND	ND
CBN	0.00056	0.00169	ND	ND	ND
CBN acetate	0.00067	0.002	NT	NT	NT
CBNA	0.0006	0.00181	ND	ND	ND
CBT	0.0018	0.0054	ND	ND	ND
Δ6a,10a-THC	0.00067	0.002	ND	ND	ND
Δ8-THC	0.00104	0.00312	0.202	0.0216	6.06
Δ8-THC acetate	0.00067	0.002	ND	ND	ND
Δ9-THC	0.00076	0.00227	0.346	0.0369	10.4
Δ9-THC acetate	0.00067	0.002	ND	ND	ND
Δ9-THCA	0.00084	0.00251	ND	ND	ND
Δ9-THCV	0.00069	0.00206	ND	ND	ND
Δ9-THCVA	0.00062	0.00186	ND	ND	ND
exo-THC	0.00067	0.002	NT	NT	NT
(6aR,9R,10aR)-HHC	0.00067	0.002	17.0	1.82	511
(6aR,9S,10aR)-HHC	0.00067	0.002	9.78	1.04	294
Δ8-iso-THC	0.00067	0.002	ND	ND	ND
Δ4,8-iso-THC	0.00067	0.002	ND	ND	ND
<b>Total Δ9-THC</b>			<b>0.346</b>	<b>0.0369</b>	<b>10.4</b>
<b>Total</b>			<b>27.4</b>	<b>2.92</b>	<b>821</b>



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 CCO  
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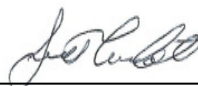
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ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit;  $\Delta$  = Delta; Total  $\Delta^9$ -THC =  $\Delta^9$ -THCA \* 0.877 +  $\Delta^9$ -THC; Total CBD = CBDA \* 0.877 + CBD;



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Tested By: Scott Caudill  
Senior Scientist  
Date: 04/27/2023



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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Tested By: Kelsey Rogers  
 Scientist  
 Date: 04/19/2023



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### Pesticides by LC-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
Azoxystrobin	30	100	ND	Imidacloprid	30	100	ND
Bifenazate	30	100	ND	Kresoxim methyl	30	100	ND
Bifenthrin	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	Permethrin	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
Ethoprophos	30	100	ND	Propoxur	30	100	ND
Etofenprox	30	100	ND	Pyrethrins	30	100	ND
Etoxazole	30	100	ND	Pyridaben	30	100	ND
Fenhexamid	30	100	ND	Spinetoram	30	100	ND
Fenoxycarb	30	100	ND	Spinosad	30	100	ND
Fenpyroximate	30	100	ND	Spiromesifen	30	100	ND
Fipronil	30	100	ND	Spirotetramat	30	100	ND
Flonicamid	30	100	ND	Spiroxamine	30	100	ND
Fludioxonil	30	100	ND	Tebuconazole	30	100	ND
				Thiacloprid	30	100	ND
				Thiamethoxam	30	100	ND
				Trifloxystrobin	30	100	ND

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 Date: 04/27/2023



 Tested By: Jasper van Heemst  
 Principal Scientist  
 Date: 04/21/2023


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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

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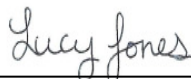
### Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)
Total aerobic count	1	ND
Total coliforms	1	ND
Generic E. coli	1	ND
Salmonella spp.	1	ND
Shiga-toxin producing E. coli (STEC)	1	ND

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Tested By: Lucy Jones  
 Scientist  
 Date: 04/24/2023



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### Residual Solvents by HS-GC-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
Benzene	0.5	1	ND	Isopropyl Alcohol	167	500	ND
Chloroform	2	6	ND	Methanol	100	300	ND
Ethanol	167	500	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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 Tested By: Scott Caudill  
 Senior Scientist  
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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 -

Analyte	Limit (CFU/g)	Analyte	Limit (CFU/g)
Total coliforms	100	Total aerobic count	100000

### Residual Solvents - USP 467

Analyte	Limit (ppm)	Analyte	Limit (ppm)
Acetone	5000	Heptane	5000
Acetonitrile	410	n-Hexane	290
Benzene	2	Isopropyl Alcohol	5000
Chloroform	60	Methanol	3000
Ethanol	5000	n-Pentane	5000

### Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Etiozazole	1500	Pyridaben	3000
Fenhexamid	10000	Spinetoram	3000
Fenoxycarb	30	Spinosad	3000
Fenpyroximate	2000	Spiromesifen	12000
Fipronil	30	Spirotetramat	13000
Fonicamid	2000	Spiroxamine	30
Fludioxonil	30000	Tebuconazole	2000

### Mycotoxins - Colorado CDPHE

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

### Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Acephate	5000	Hexythiazox	2000
Acetamiprid	5000	Imazalil	30
Azoxystrobin	40000	Imidacloprid	3000
Bifenazate	5000	Kresoxim methyl	1000
Bifenthrin	500	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	Permethrin	20000
Diazinon	200	Phosmet	200
Dichlorvos	30	Piperonyl Butoxide	8000
Dimethoate	30	Prallethrin	400
Dimethomorph	20000	Propiconazole	20000
Ethoprophos	30	Propoxur	30
Etofenprox	30	Pyrethrins	1000

