

3Chi D8 Tincture - 1200mg

Sample ID: SA-231120-30337
 Batch: 13NOV2023-D8BSTIN-1200MG
 Type: Finished Product - Ingestible
 Matrix: Oil / Liquid - MCT Oil
 Unit Mass (g):

Received: 11/28/2023
 Completed: 12/10/2023

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



Summary

Test	Date Tested	Status
Cannabinoids	12/10/2023	Tested
Heavy Metals	12/05/2023	Tested
Microbials	12/01/2023	Tested
Mycotoxins	12/04/2023	Tested
Pesticides	12/04/2023	Tested
Residual Solvents	12/04/2023	Tested

ND Total Δ9-THC	42.1 mg/mL Δ8-THC	50.3 mg/mL Total Cannabinoids	Not Tested Moisture Content	Not Tested Foreign Matter	Yes Internal Standard Normalization
---------------------------	-----------------------------	---	---------------------------------------	-------------------------------------	---

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

Analyte	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (%)	Result (mg/unit)
CBC	0.00095	0.00284	0.705	0.0741	21.2
CBCA	0.00181	0.00543	ND	ND	ND
CBCV	0.0006	0.0018	ND	ND	ND
CBD	0.00081	0.00242	4.29	0.451	129
CBD A	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	0.104	0.0109	3.11
CBGA	0.00049	0.00147	ND	ND	ND
CBL	0.00112	0.00335	0.0839	0.00882	2.52
CBLA	0.00124	0.00371	ND	ND	ND
CBN	0.00056	0.00169	0.452	0.0475	13.6
CBNA	0.0006	0.00181	ND	ND	ND
CBT	0.0018	0.0054	0.408	0.0429	12.2
Δ4,8-iso-THC	0.00067	0.002	1.24	0.130	37.1
Δ8-iso-THC	0.00067	0.002	0.754	0.0792	22.6
Δ8-THC	0.00104	0.00312	42.1	4.43	1260
Δ8-THCV	0.00067	0.002	0.200	0.0210	6.01
Δ9-THC	0.00076	0.00227	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	ND	ND	ND
Total Δ9-THC			ND	ND	ND
Total			50.3	5.29	1510

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: 12/10/2023



Tested By: Scott Caudill
 Laboratory Manager
 Date: 12/10/2023



ISO/IEC 17025:2017 Accredited
 Accreditation #108651



3Chi D8 Tincture - 1200mg

Sample ID: SA-231120-30337
Batch: 13NOV2023-D8BSTIN-1200MG
Type: Finished Product - Ingestible
Matrix: Oil / Liquid - MCT Oil
Unit Mass (g):

Received: 11/28/2023
Completed: 12/10/2023

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

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
CCO

Date: 12/10/2023



Tested By: Kelsey Rogers
Scientist

Date: 12/05/2023



3Chi D8 Tincture - 1200mg

Sample ID: SA-231120-30337
 Batch: 13NOV2023-D8BSTIN-1200MG
 Type: Finished Product - Ingestible
 Matrix: Oil / Liquid - MCT Oil
 Unit Mass (g):

Received: 11/28/2023
 Completed: 12/10/2023

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

Pesticides by LC-MS/MS

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

Date: 12/10/2023



Tested By: Jasper van Heemst
 Principal Scientist

Date: 12/04/2023



3Chi D8 Tincture - 1200mg

Sample ID: SA-231120-30337
 Batch: 13NOV2023-D8BSTIN-1200MG
 Type: Finished Product - Ingestible
 Matrix: Oil / Liquid - MCT Oil
 Unit Mass (g):

Received: 11/28/2023
 Completed: 12/10/2023

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

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
 CCO
 Date: 12/10/2023



Tested By: Jasper van Heemst
 Principal Scientist
 Date: 12/04/2023





KCA Laboratories
232 North Plaza Drive
Nicholasville, KY 40356

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

Certificate of Analysis

5 of 7

3Chi D8 Tincture - 1200mg

Sample ID: SA-231120-30337
Batch: 13NOV2023-D8BSTIN-1200MG
Type: Finished Product - Ingestible
Matrix: Oil / Liquid - MCT Oil
Unit Mass (g):

Received: 11/28/2023
Completed: 12/10/2023

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

Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Total aerobic count	1	ND	
Total coliforms	1	ND	
Generic E. coli	1	ND	
Salmonella spp.	1		Not Detected per 1 gram
Shiga-toxin producing E. coli (STEC)	1		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
CCO
Date: 12/10/2023

Tested By: Jade Pinkston
Microbiology Technician
Date: 12/01/2023



This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 17025:2017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.

3Chi D8 Tincture - 1200mg

Sample ID: SA-231120-30337
 Batch: 13NOV2023-D8BSTIN-1200MG
 Type: Finished Product - Ingestible
 Matrix: Oil / Liquid - MCT Oil
 Unit Mass (g):

Received: 11/28/2023
 Completed: 12/10/2023

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

Residual Solvents by HS-GC-MS

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

Date: 12/10/2023



Tested By: Kelsey Rogers
 Scientist

Date: 12/04/2023



3Chi D8 Tincture - 1200mg

Sample ID: SA-231120-30337
 Batch: 13NOV2023-D8BSTIN-1200MG
 Type: Finished Product - Ingestible
 Matrix: Oil / Liquid - MCT Oil
 Unit Mass (g):

Received: 11/28/2023
 Completed: 12/10/2023

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

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	10000

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

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)
Abamectin	300	Hexythiazox	2000
Acephate	5000	Imazalil	30

