



Arise Bioscience
4855 Technology
Way, Suite 500
Boca Raton, FL,
33431
866-407-1164
Order #: 69528
Retail Batch #:
56576

CERTIFICATE OF ANALYSIS
ISO/IEC: 17025:2017 Accreditation #:
103104
License #: CMTL-0004

Order Information

Order #: 69528
Order Name: OH Relief Capsules with Chaga
Mushroom
Retail Batch #: 56576
Received: 08/15/2022 16:55:26
Complete: 08/18/2022 22:05:24

Batch Information

Create Date: 08/02/2022
Exp. Date: 08/02/2024
Size: 0

Total Qty.: 5,000
Matrix: Capsule/Tablet
Pickup Weight: N/A

CANNABINOID PROFILE
TESTED

LABEL CLAIM
NOT APPLICABLE

MICROBIAL ANALYSIS
PASS

RESIDUAL SOLVENTS
PASS

AGRICULTURAL AGENTS
PASS

HEAVY METAL ANALYSIS
PASS

TERPENES
NOT TESTED

MOISTURE ANALYSIS
NOT TESTED

WATER ACTIVITY
PASS

FILTH & FOREIGN MATERIAL
ANALYSIS
PASS

HOMOGENEITY
NOT TESTED

MYCOTOXIN ANALYSIS
PASS



0.038 %
Total THC

1.404 %
Total CBD

1.522 %
Total Cannabinoids

Diana Asensio, M.S.

Lab Director

Florida
4001 SW 47th Avenue, Suite 208
Davie FL, 33314
(954) 514-9343



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Sample Prep

Tech: 3929
SOP: 418
Batch Number: 55366
Batch Date: 08/16/2022 15:44:21

Sample Analysis

Date/Time: 08/18/2022 16:41:07
Tech: 3445
SOP: 417
Final Weight: 0.2117 g
Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD

0.038 %

Total THC

0.364 mg

THC Per Capsule

21.838 mg

THC Per Pkg

1.404 %

Total CBD

13.586 mg

CBD Per Capsule

815.153 mg

CBD Per Pkg

1.522 %

Total Cannabinoids

14.731 mg

Cannabinoids Per Capsule

883.861 mg

Cannabinoids Per Pkg

Cannabinoid Potency

ANALYTE	LOD/LOQ (mg/g)	DIL.	WEIGHT %	MG/G	MG/CAPSULE	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBC	0.064/0.1954	1	0.048	0.482	0.467	27.995	--	--
CBD	0.064/0.1954	1	1.403	14.035	13.586	815.153	--	--
CBDA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBDV	0.064/0.1954	1	<LOQ	<LOQ	<LOQ	<LOQ	--	--
CBG	0.064/0.1954	1	0.032	0.325	0.315	18.876	--	--
CBGA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBN	0.064/0.1954	1	<LOQ	<LOQ	<LOQ	<LOQ	--	--
d8-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--
d9-THC	0.064/0.1954	1	0.038	0.376	0.364	21.838	--	--
THCA	0.064/0.1954	1	ND	ND	ND	ND	--	--
THCV	0.064/0.1954	1	ND	ND	ND	ND	--	--

Additional Cannabinoids

ANALYTE	LOD/LOQ (mg/g)	DIL.	WEIGHT %	MG/G	MG/CAPSULE	MG/PACKAGE	LABEL CLAIM (mg)	% LABEL VAR.
CBDVA	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBL	0.064/0.1954	1	ND	ND	ND	ND	--	--
CBT	0.064/0.1954	1	ND	ND	ND	ND	--	--
d10-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--
d9-THCP	0.064/0.1954	1	ND	ND	ND	ND	--	--
exo-THC	0.064/0.1954	1	ND	ND	ND	ND	--	--

For inhalation derivative products, Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA)

ND - Not Detected, <LOQ - Below Limit of Quantitation

CANNABINOID TOTALS	WEIGHT %	MG/G	MG/CAPSULE	MG/PACKAGE
Total THC	0.038	0.376	0.364	21.838
Total CBD	1.404	14.035	13.586	815.153
Total Cannabinoids	1.522	15.218	14.731	883.861

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Agricultural Agents

GC-MS/MS

PASS

Sample Prep

Tech: 3929
SOP: 402
Batch Number: 55353
Batch Date: 08/16/2022 10:59:29

Sample Analysis

Date/Time: 08/17/2022 16:45:36
Tech: 2816
SOP: 402
Final Weight: 0.5343 g
Volume: 10 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL (ppm)	RESULTS (ppm)
Captan	0.01/0.1	1	3	ND
Chlordane	0.01/0.1	1	0.1	ND
Chlorfenapyr	0.01/0.1	1	0.1	ND
Coumaphos	0.01/0.1	1	0.1	ND
Cyfluthrin	0.01/0.1	1	1	ND
Cypermethrin	0.01/0.1	1	1	ND
Methyl parathion	0.01/0.1	1	0.1	ND
Pentachloronitrobenzene	0.01/0.1	1	0.2	ND

MYCOTOXIN ANALYSIS

LC-MS/MS

PASS

Sample Prep

Tech: 3929
SOP: 432
Batch Number: 55364
Batch Date: 08/16/2022 14:42:03

Sample Analysis

Date/Time: 08/17/2022 14:03:56
Tech: 2657
SOP: 424
Final Weight: 0.5023 g
Volume: 5 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LEVEL (ppb)	RESULTS (ppb)
Aflatoxin B1	2/10	2	20	ND
Aflatoxin B2	2/10	2	20	ND
Aflatoxin G1	2/10	2	20	ND
Aflatoxin G2	2/5	2	20	ND
Ochratoxin A	2/10	2	20	ND

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Agricultural Agents

LC-MS/MS

PASS

Sample Prep

Tech: 3929
SOP: 432
Batch Number: 55364
Batch Date: 08/16/2022 14:42:03

Sample Analysis

Date/Time: 08/17/2022 14:03:56
Tech: 2657
SOP: 424
Final Weight: 0.5023 g
Volume: 5 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL(ppm)	RESULTS (ppm)	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT(ppm)	RESULTS (ppm)
Abamectin B1a	0.002/0.035	2	0.3	ND	Imazalil	0.002/0.01	2	0.1	ND
Acephate	0.002/0.04	2	3	ND	Imidacloprid	0.002/0.002	2	3	ND
Acequinocyl	0.002/0.002	2	2	ND	Kresoxim-methyl	0.002/0.002	2	1	ND
Acetamiprid	0.002/0.002	2	3	ND	Malathion	0.01/0.04	2	2	ND
Aldicarb	0.002/0.01	2	0.1	ND	Metalaxyl	0.002/0.004	2	3	ND
Azoxystrobin	0.002/0.04	2	3	ND	Methiocarb	0.002/0.01	2	0.1	ND
Bifenazate	0.002/0.002	2	3	ND	Methomyl	0.002/0.002	2	0.1	ND
Bifenthrin	0.002/0.002	2	0.5	ND	Mevinphos	0.009/0.036	2	0.1	ND
Boscalid	0.01/0.05	2	3	ND	Myclobutanil	0.002/0.04	2	3	ND
Carbaryl	0.002/0.004	2	0.5	ND	Naled	0.002/0.01	2	0.5	ND
Carbofuran	0.002/0.01	2	0.1	ND	Oxamyl	0.002/0.002	2	0.5	ND
Chlorantraniliprole	0.002/0.01	2	3	ND	Paclobutrazol	0.002/0.004	2	0.1	ND
Chlormequat chloride	0.002/0.004	2	3	ND	Permethrins	0.002/0.01	2	1	ND
Chlorpyrifos	0.002/0.01	2	0.1	ND	Phosmet	0.002/0.002	2	0.2	ND
Clofentezine	0.002/0.002	2	0.5	ND	Piperonyl Butoxide	0.002/0.002	2	3	ND
Daminozide	0.01/0.04	2	0.1	ND	Prallethrin	0.002/0.01	2	0.4	ND
Diazinon	0.002/0.01	2	0.2	ND	Propiconazole	0.002/0.04	2	1	ND
Dichlorvos	0.002/0.04	2	0.1	ND	Propoxur	0.002/0.01	2	0.1	ND
Dimethoate	0.002/0.002	2	0.1	ND	Pyrethrins	0.001/0.013	2	1	ND
Dimethomorph	0.001/0.002	2	3	ND	Pyridaben	0.002/0.002	2	3	ND
Ethoprophos	0.002/0.01	2	0.1	ND	Spinetoram	0.001/0.003	2	3	ND
Etofenprox	0.002/0.002	2	0.1	ND	Spinosad	0.001/0.001	2	3	ND
Etiozole	0.002/0.002	2	1.5	ND	Spiromesifen	0.002/0.002	2	3	ND
Fenhexamid	0.01/0.04	2	3	ND	Spirotetramat	0.002/0.01	2	3	ND
Fenoxycarb	0.002/0.004	2	0.1	ND	Spiroxamine	0.002/0.04	2	0.1	ND
Fenpyroximate	0.002/0.002	2	2	ND	Tebuconazole	0.01/0.04	2	1	ND
Fipronil	0.002/0.004	2	0.1	ND	Thiacloprid	0.002/0.002	2	0.1	ND
Flonicamid	0.002/0.01	2	2	ND	Thiamethoxam	0.002/0.01	2	1	ND
Fludioxonil	0.002/0.004	2	3	ND	Trifloxystrobin	0.002/0.002	2	3	ND
Hexythiazox	0.002/0.004	2	2	ND					

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RESIDUAL SOLVENTS

HS-GC-MS

PASS

Sample Prep

Tech: 3929
SOP: 405
Batch Number: 55365
Batch Date: 08/16/2022 15:24:46

Sample Analysis

Date/Time: 08/18/2022 10:06:28
Tech: 2816
SOP: 405
Final Weight: 0.0523 g
Volume: 1 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)
1,1-Dichloroethene	0.6/0.63	1	8	ND	Heptane	6/140	1	5000	ND
1,2-Dichloroethane	0.012/0.12	1	2	ND	Hexanes	0.06/18	1	250	ND
Acetone	9/140	1	750	ND	Isopropyl alcohol	3/140	1	500	<LOQ
Acetonitrile	0.72/25	1	60	ND	Methanol	6/100	1	250	<LOQ
Benzene	0.6/1	1	1	ND	Methylene chloride	1.5/1.5	1	125	10.568
Butane	48/50	1	5000	ND	Pentane	9/140	1	750	ND
Chloroform	0.5/1	1	2	ND	Propane	30/30	1	5000	ND
Ethanol	12/140	1	5000	<LOQ	Toluene	0.9/53	1	150	ND
Ethyl acetate	2.4/140	1	400	<LOQ	Trichloroethylene	0.3/1	1	25	ND
Ethyl ether	6/140	1	500	ND	Xylenes	1.8/130	1	150	ND
Ethylene oxide	0.6/2	1	5	ND					

HEAVY METAL ANALYSIS

ICP-MS

PASS

Sample Prep

Tech: 3975
SOP: 428
Batch Number: 55374
Batch Date: 08/17/2022 09:24:50

Sample Analysis

Date/Time: 08/18/2022 11:02:20
Tech: 3396
SOP: 428
Final Weight: 0.2103 g
Volume: 60 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LIMIT (ppb)	RESULTS (ppb)
Arsenic	20/75	1	1500	ND
Cadmium	20/75	1	500	94.437
Lead	20/75	1	500	136.091
Mercury	20/75	1	3000	ND

FILTH & FOREIGN MATERIAL ANALYSIS

Result: **PASS**

Sample Prep and Analysis

Date/Time: 08/16/2022 15:13:28
Tech: 3929
SOP: 409
Final Weight: 8.1903 g

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 1012
SOP: 406

Batch Number: 55367
Batch Date: 08/16/2022 15:51:40

Date/Time: 08/17/2022 19:19:01
Tech: 2853
SOP: 406

Sample Analysis

Final Weight: 1.0281 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Total enterobacteriaceae	qPCR	NA	NOT DETECTED	PASS

Sample Prep

Tech: 1012
SOP: 406

Batch Number: 55367
Batch Date: 08/16/2022 15:51:40

Date/Time: 08/17/2022 19:19:01
Tech: 2853
SOP: 406

Sample Analysis

Final Weight: 1.0281 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Total yeast and mold	qPCR	NA	NOT DETECTED	PASS

Sample Prep

Tech: 1012
SOP: 406

Batch Number: 55367
Batch Date: 08/16/2022 15:51:40

Date/Time: 08/17/2022 19:19:01
Tech: 2853
SOP: 406

Sample Analysis

Final Weight: 1.0281 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Total aerobic count	qPCR	NA	NOT DETECTED	PASS

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 1012
SOP: 406

Batch Number: 55367
Batch Date: 08/16/2022 15:51:40

Date/Time: 08/17/2022 19:19:01
Tech: 2853
SOP: 406

Sample Analysis

Final Weight: 1.0281 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Total coliforms	qPCR	NA	NOT DETECTED	PASS

Sample Prep

Tech: 3929
SOP: 406

Batch Number: 55348
Batch Date: 08/16/2022 09:35:14

Date/Time: 08/18/2022 20:43:13
Tech: 3571
SOP: 406

Sample Analysis

Final Weight: 1.0714 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Salmonella	qPCR	< 1 CFU/g	NOT DETECTED	PASS
STEC e. coli	qPCR	< 1 CFU/g	NOT DETECTED	PASS

Sample Prep

Tech: 3929
SOP: 406

Batch Number: 55348
Batch Date: 08/16/2022 09:35:14

Date/Time: 08/18/2022 20:43:13
Tech: 3571
SOP: 406

Sample Analysis

Final Weight: 1.0714 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL
Aspergillus flavus	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus fumigatus	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus niger	qPCR	< 1 CFU/g	NOT DETECTED	PASS
Aspergillus terreus	qPCR	< 1 CFU/g	NOT DETECTED	PASS

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WATER ACTIVITY

Water Activity Meter
Water: 0.533 Aw

Sample Prep and Analysis

Date/Time: 08/16/2022 22:30:38
Tech: 3929
SOP: 407
Final Weight: 1.0116 g

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