





CERTIFICATE OF ANALYSIS SUMMARY CHART



Product	Unit Weight	CBD mg/g	Total CBD mg /Unit	CBN mg/g	Total CBN mg / Unit	THC mg/g	Total THC mg / Unit
Relax 1000 Drops	30 mL / 30 grams	25.5	765	8.2	246		

Heavy Metals	Microbials	Pesticides	Solvents	Mycotoxins		
PASS	PASS	PASS	PASS	PASS		



Utah Department of Agriculture and Food **Division of Laboratory Services** 4451 South 2700 West Taylorsville, Utah 84129 (801) 816-3840

CERTIFICATE OF ANALYSIS

Sample Information

UDAF Lab #	HP24172-32	Issue Date:	06/28/2024
Client:	Muscle MX	Client Email:	mike@musclemx.com
Producer:	Muscle MX	Sample Type:	Liquid Suspension
Description:	Relax CBD Drops 1000m	g	
Batch/Lot Number:	MXRELC24	Date Received:	06/20/2024
Date Collected:		Collected By:	Self-Submitted



Notes:

Testing Summary

Analysis:	Testing Date:	Status:	Notes:
Cannabinoids	06/27/2024		

Approved By:

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Date: 06/28/2024

The results reported herein pertain only to the indicated sample and may not be used as an endorsement of a product. The results are given under applicable provisions of the Utah Code and represent a true statement of the outcomes of the analyses conducted on the sample received by the laboratory. This report may not be reproduced, except in its entirety. © 2024 All Rights Reserved.

Brandon Forsyth, Ph.D State Chemist



Utah Department of Agriculture and Food **Division of Laboratory Services** 4451 South 2700 West Taylorsville, Utah 84129 (801) 816-3840

CERTIFICATE OF ANALYSIS

Cannabinoid Analysis Status: --

Sample ID:	HP24172-32	Description:	Relax CBD Drops 1000mg
Testing Date:	06/27/2024	Reviewed By:	Cameron Cheyne

Method: ACL.AM.003 Analysis performed using High-Performance Liquid Chromatography (HPLC-DAD)

Analyte	Abbreviation	CAS Number	% (w/w)	mg/g
Δ9-Tetrahydrocannabidiol	Δ9-ΤΗС	1972-08-03	ND	ND
Δ8-Tetrahydrocannabidiol	Δ8-ΤΗС	5957-75-5	ND	ND
Δ9-Tetrahydrocannabinolic acid	THCA	23978-85-0	ND	ND
Δ9-Tetrahydrocannabivarin	THCV	31262-37-0	ND	ND
Cannabidiol	CBD	13956-29-1	2.55%	25.5
Cannabidiolic acid	CBDA	1244-58-2	ND	ND
Cannabidivarin	CBDV	24274-48-4	ND	ND
Cannabinol	CBN	521-35-7	0.82%	8.2
Cannabigerol	CBG	25654-31-3	ND	ND
Cannabichromene	CBC	20675-51-8	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Cannabigerolic acid	CBGA	25555-57-1	ND	ND
Cannabichromenic acid	CBCA	20408-52-0	ND	ND
Cannabicitran	СВТС	31508-71-1	ND	ND
9(R+S)-∆6a,10a-Tetrahydrocannabidiol	Δ3-THC	95720-01-07, 95720- 02-8	ND	ND
(6aR,9R)-Δ10-Tetrahydrocannabidiol	(6aR,9R)-Δ10-THC	95543-62-7	ND	ND
(6aR,9S)-Δ10-Tetrahydrocannabidiol	(6aR,9S)-Δ10-THC	95588-87-7	ND	ND
Total Cannabinoids			3.38%	33.80
Total THC			ND	ND
Total CBD			2.55%	25.50
Total THC Analogs			ND	ND

Unknown Cannabinoid Peak Area: 0.0%

Mass Per Piece: -- Status: --

Notes:

Total Cannabinoids is calculated as the direct sum of each of the cannabinoid values. Total THC is calculated as $\Delta 9$ -THC + (THCA x 0.877) | Total CBD is calculated as CBD + (CBDA x 0.877). Total THC Analogs is calculated as $\Delta 9$ -THC + (THCA x 0.877) + $\Delta 8$ -THC + CBTC. ND = Not Detected, NQ = Not Quantifiable, NT = Not Tested, <LOQ = Below the limit of quantification

The results reported herein pertain only to the indicated sample and may not be used as an endorsement of a product. The results are given under applicable provisions of the Utah Code and represent a true statement of the outcomes of the analyses conducted on the sample received by the laboratory. This report may not be reproduced, except in its entirety. © 2024 All Rights Reserved.



Comprehensive Analysis Report

Sample Overview

Client: Muscle MX

498 West 8360 South, Sandy, UT

84070

Sample Name: Relax CBD Drops 1000 mg

Sample Matrix: Tincture
Sample Lot: MXRELC24

Date Received:	06/20/2024
APRC #:	MMX240621P



Assay	Disposition	Date Tested
Heavy Metals - Utah State Cannabis Panel	Tested	06-27-2024
Microbial: Quantitative and Pathogen Detection Combo	Tested	06-24-2024
Pesticide Screen (APRC Panel)	Tested	06/21/2024
Hemp or R&D Residual Solvents	Tested	06-21-2024
Mycotoxin Quantitation	Tested	06-21-2024
Terpene Quantitation	Tested	06-21-2024



 ${\it Accreditation~\#115229} \\ {\it Aromatic~Plant~Research~Center~is~an~ISO~17025:2017~certified~laboratory}.$



Heavy Metals

Method: CTLA Sample Name: Relax CBD Drops 1000 mg APRC Lot Number: MMX240621P

Analyte	Result (ppm)	LOD (ppm)	Threshold (ppm)	Pass/Fail
Arsenic	<0.001	0.001	2.00	Pass
Cadmium	<0.001	0.001	0.82	Pass
Lead	<0.001	0.001	1.20	Pass
Mercury	<0.001	0.001	0.40	Pass

Heavy metal analysis is completed in partnership with Contract Testing Laboratories of America, Orem UT.

Performed by: CTLA

Reviewed by: Sophie Pearson



Microbial Impurities

Method: SOP 1-2034.01 and 1-2035.01 Sample Name: Relax CBD Drops 1000 mg APRC Lot Number: MMX240621P

Total Counts					
Microbial Group:	Result (CFU/g):	Specification:	Disposition:		
Total Aerobic Bacteria	<10	≤10,000	Pass		
Total Yeast and Mold	<10	≤1,000	Pass		

Specific Organism Identification				
Microbial Organism:	Result:	Specification:	Disposition	
Aspergillus flavus	NT	NT	Not Tested	
Aspergillus fumigatus	NT	NT	Not Tested	
Aspergillus niger	NT	NT	Not Tested	
Aspergillus terreus	NT	NT	Not Tested	
E. coli	Not Detected	Not Detected	Pass	
STEC	NT	NT	Not Tested	
Salmonella - Specific Gene	Not Detected	Not Detected	Pass	
Staphylococcus aureus	Not Detected	Not Detected	Pass	
Pseudomonas aeruginosa	Not Detected	Report Only	Tested	

Performed by: <u>Jordan Morley</u> Notes: Foreign Matter: Not Detected.

Reviewed by: <u>Tessa Crook</u>



Pesticides

Method: Sample Name: Relax CBD Drops 1000 mg APRC Lot Number: MMX240621P

Abamectin ND 0.5 Pass Acephate ND 0.4 Pass Acequinocyl ND 2.0 Pass Acetamiprid ND 0.2 Pass Aldicarb ND 0.4 Pass Azoxystrobin ND 0.2 Pass Bifenazate ND 0.2 Pass Bifenthrin ND 0.2 Pass Bifenthrin ND 0.2 Pass Boscalid ND 0.4 Pass Carbaryl ND 0.2 Pass Carbofuran ND 0.2 Pass Chlorantraniliprole ND 0.2 Pass Chlorpyrifos ND 0.2 Pass Chlorpyrifos ND 0.2 Pass Cyfluthrin ND 0.2 Pass Cyfluthrin ND 1.0 Pass Diazinon ND 0.1 Pass Diazinon ND	Pesticide:	Finding	Action Limit (μg/g)	Pass/Fail
Acequinocyl ND 2.0 Pass Acetamiprid ND 0.2 Pass Aldicarb ND 0.4 Pass Azoxystrobin ND 0.2 Pass Bifenazate ND 0.2 Pass Bifenthrin ND 0.2 Pass Boscalid ND 0.4 Pass Carbaryl ND 0.2 Pass Carbofuran ND 0.2 Pass Chlorantraniliprole ND 0.2 Pass Chlorpyrifos ND 0.2 Pass Cyfluthrin ND 1.0 Pass Cypermethrin ND 1.0 Pass Diazinon ND 0.1 Pass Dimethoate ND 0.2 Pass Ettofenprox ND 0.2 Pass Ettofenprox ND 0.1 Pass Ettofapprox ND 0.2 Pass Diazsinon ND 0.2 Pass Ettofapprox ND 0.1 Pass Ettofapprox ND 0.2 Pass Ettofapprox ND 0.2 Pass Ettofapprox ND 0.1 Pass Ettofapprox ND 0.2 Pass Fenoxycarb ND 0.2 Pass Fenoxycarb ND 0.2 Pass Fipronil ND 0.4 Pass	Abamectin	ND	0.5	Pass
Acetamiprid ND 0.2 Pass Aldicarb ND 0.4 Pass Azoxystrobin ND 0.2 Pass Bifenazate ND 0.2 Pass Bifenthrin ND 0.2 Pass Boscalid ND 0.4 Pass Carbaryl ND 0.2 Pass Carbofuran ND 0.2 Pass Chlorantraniliprole ND 0.2 Pass Chlorpyrifos ND 0.2 Pass Clofentezine ND 0.2 Pass Cyfluthrin ND 1.0 Pass Cypermethrin ND 1.0 Pass Dichlorvos ND 0.1 Pass Dichlorvos ND 0.1 Pass Diazinon ND 0.2 Pass Ethoprophos ND 0.2 Pass Etofenprox ND 0.1 Pass Etofenprox ND 0.2 Pass Etofenprox ND 0.2 Pass Fenoxycarb ND 0.2 Pass Fenoxycarb ND 0.4 Pass Fipronil ND 0.4 Pass Fipronil ND 0.4 Pass Fipronil ND 0.4 Pass Fipronil ND 0.4 Pass	Acephate	ND	0.4	Pass
Aldicarb ND 0.4 Pass Azoxystrobin ND 0.2 Pass Bifenazate ND 0.2 Pass Bifenthrin ND 0.2 Pass Boscalid ND 0.4 Pass Carbaryl ND 0.2 Pass Carbofuran ND 0.2 Pass Chlorantraniliprole ND 0.2 Pass Chlorfenapyr ND 1.0 Pass Chlorpyrifos ND 0.2 Pass Clofentezine ND 0.2 Pass Cyfluthrin ND 1.0 Pass Cypermethrin ND 1.0 Pass Daminozide ND 1.0 Pass Dichlorvos ND 0.1 Pass Dichlorvos ND 0.1 Pass Ethoprophos ND 0.2 Pass Ethoprophos ND 0.2 Pass Etoxazole ND 0.2 Pass Fenoxycarb ND 0.4 Pass Fenoyroximate ND 0.2 Pass Fenoyroximate ND 0.4 Pass Fipronil ND 0.4 Pass Fipronil ND 0.4 Pass	Acequinocyl	ND	2.0	Pass
Azoxystrobin ND 0.2 Pass Bifenazate ND 0.2 Pass Bifenthrin ND 0.2 Pass Boscalid ND 0.4 Pass Carbaryl ND 0.2 Pass Carbofuran ND 0.2 Pass Chlorantraniliprole ND 0.2 Pass Chlorfenapyr ND 1.0 Pass Chlorpyrifos ND 0.2 Pass Clofentezine ND 0.2 Pass Cyfluthrin ND 1.0 Pass Cypermethrin ND 1.0 Pass Daminozide ND 1.0 Pass Diazinon ND 0.1 Pass Diazinon ND 0.2 Pass Ethoprophos ND 0.2 Pass Ethoprophos ND 0.1 Pass Etofenprox ND 0.2 Pass Etofenprox ND 0.2 Pass Etorazole ND 0.2 Pass Fenoxycarb ND 0.4 Pass Fenoycard ND 0.2 Pass Fenoycamide ND 0.4 Pass Fipronil ND 0.4 Pass	Acetamiprid	ND	0.2	Pass
Bifenazate ND 0.2 Pass Bifenthrin ND 0.2 Pass Boscalid ND 0.4 Pass Carbaryl ND 0.2 Pass Carbofuran ND 0.2 Pass Chlorantraniliprole ND 0.2 Pass Chlorfenapyr ND 1.0 Pass Chlorpyrifos ND 0.2 Pass Clofentezine ND 0.2 Pass Cyfluthrin ND 1.0 Pass Cypermethrin ND 1.0 Pass Diazinon ND 0.1 Pass Diazinon ND 0.2 Pass Ethoprophos ND 0.2 Pass Etofenprox ND 0.1 Pass Etofenprox ND 0.2 Pass Etofenprox ND 0.2 Pass Etoxazole ND 0.2 Pass Fenoxycarb ND 0.4 Pass Fenpyroximate ND 0.2 Pass Fipronil ND 0.4 Pass Fipronil ND 0.4 Pass	Aldicarb	ND	0.4	Pass
Bifenthrin ND 0.2 Pass Boscalid ND 0.4 Pass Carbaryl ND 0.2 Pass Carbofuran ND 0.2 Pass Chlorantraniliprole ND 0.2 Pass Chlorpyrifos ND 0.2 Pass Clofentezine ND 0.2 Pass Cyfluthrin ND 1.0 Pass Cypermethrin ND 1.0 Pass Daminozide ND 1.0 Pass Dichlorvos ND 0.1 Pass Diazinon ND 0.2 Pass Dimethoate ND 0.2 Pass Ethoprophos ND 0.1 Pass Ethoprophos ND 0.2 Pass Ethoprophos ND 0.2 Pass Ethoprophos ND 0.2 Pass Etoxazole ND 0.2 Pass Fenoxycarb ND 0.2 Pass Fenoxycarb ND 0.2 Pass Fenoxycarb ND 0.2 Pass Fenoxycarb ND 0.4 Pass Fipronil ND 0.4 Pass Fipronil ND 0.4 Pass	Azoxystrobin	ND	0.2	Pass
Boscalid ND 0.4 Pass Carbaryl ND 0.2 Pass Carbofuran ND 0.2 Pass Chlorantraniliprole ND 0.2 Pass Chlorfenapyr ND 1.0 Pass Chlorpyrifos ND 0.2 Pass Clofentezine ND 0.2 Pass Cyfluthrin ND 1.0 Pass Cypermethrin ND 1.0 Pass Daminozide ND 1.0 Pass Dichlorvos ND 0.1 Pass Diazinon ND 0.2 Pass Dimethoate ND 0.2 Pass Ethoprophos ND 0.1 Pass Ethoprophos ND 0.2 Pass Etofenprox ND 0.2 Pass Etorazole ND 0.2 Pass Fenoxycarb ND 0.2 Pass Fenoxycarb ND 0.2 Pass Fenoxycarb ND 0.4 Pass Fipronil ND 0.4 Pass Fipronil ND 0.4 Pass Fipronil ND 0.4 Pass	Bifenazate	ND	0.2	Pass
CarbarylND0.2PassCarbofuranND0.2PassChlorantraniliproleND0.2PassChlorfenapyrND1.0PassChlorpyrifosND0.2PassClofentezineND0.2PassCyfluthrinND1.0PassCypermethrinND1.0PassDaminozideND1.0PassDichlorvosND0.1PassDiazinonND0.2PassEthoprophosND0.2PassEtofenproxND0.4PassEtoxazoleND0.2PassFenoxycarbND0.4PassFenpyroximateND0.4PassFipronilND0.4PassFlonicamidND0.4Pass	Bifenthrin	ND	0.2	Pass
Carbofuran ND 0.2 Pass Chlorantraniliprole ND 0.2 Pass Chlorfenapyr ND 1.0 Pass Chlorpyrifos ND 0.2 Pass Clofentezine ND 0.2 Pass Cyfluthrin ND 1.0 Pass Cypermethrin ND 1.0 Pass Daminozide ND 1.0 Pass Dichlorvos ND 0.1 Pass Diazinon ND 0.2 Pass Dimethoate ND 0.2 Pass Ethoprophos ND 0.2 Pass Etofenprox ND 0.2 Pass Etoxazole ND 0.4 Pass Fenoxycarb ND 0.4 Pass Fipronil ND 0.4 Pass Fipronil ND 0.4 Pass Fipronil ND 0.4 Pass	Boscalid	ND	0.4	Pass
Chlorantraniliprole ND 0.2 Pass Chlorfenapyr ND 1.0 Pass Chlorpyrifos ND 0.2 Pass Clofentezine ND 0.2 Pass Cyfluthrin ND 1.0 Pass Cypermethrin ND 1.0 Pass Daminozide ND 1.0 Pass Dichlorvos ND 0.1 Pass Diazinon ND 0.2 Pass Dimethoate ND 0.2 Pass Ethoprophos ND 0.2 Pass Ettofenprox ND 0.4 Pass Fenoxycarb ND 0.4 Pass Fenpyroximate ND 0.4 Pass Fipronil ND 0.4 Pass Fipronil ND 0.4 Pass Fipronil ND 0.4 Pass	Carbaryl	ND	0.2	Pass
Chlorfenapyr ND 1.0 Pass Chlorpyrifos ND 0.2 Pass Clofentezine ND 0.2 Pass Cyfluthrin ND 1.0 Pass Cypermethrin ND 1.0 Pass Daminozide ND 1.0 Pass Dichlorvos ND 0.1 Pass Diazinon ND 0.2 Pass Dimethoate ND 0.2 Pass Ethoprophos ND 0.2 Pass Etofenprox ND 0.4 Pass Fenoxycarb ND 0.4 Pass Fenpyroximate ND 0.4 Pass Fipronil ND 0.4 Pass Flonicamid ND 0.4 Pass	Carbofuran	ND	0.2	Pass
Chlorpyrifos ND 0.2 Pass Clofentezine ND 0.2 Pass Cyfluthrin ND 1.0 Pass Cypermethrin ND 1.0 Pass Daminozide ND 1.0 Pass Dichlorvos ND 0.1 Pass Diazinon ND 0.2 Pass Ethoprophos ND 0.2 Pass Ettofenprox ND 0.4 Pass Fenoxycarb ND 0.4 Pass Fipronil ND 0.4 Pass Fipronil ND 0.4 Pass Finoicamid ND 0.4 Pass	Chlorantraniliprole	ND	0.2	Pass
Clofentezine ND 0.2 Pass Cyfluthrin ND 1.0 Pass Cypermethrin ND 1.0 Pass Daminozide ND 1.0 Pass Dichlorvos ND 0.1 Pass Diazinon ND 0.2 Pass Ethoprophos ND 0.2 Pass Ettofenprox ND 0.4 Pass Etoxazole ND 0.2 Pass Fenoxycarb ND 0.4 Pass Fenpyroximate ND 0.4 Pass Fipronil ND 0.4 Pass Flonicamid ND 0.4 Pass	Chlorfenapyr	ND	1.0	Pass
Cyfluthrin ND 1.0 Pass Cypermethrin ND 1.0 Pass Daminozide ND 1.0 Pass Dichlorvos ND 0.1 Pass Diazinon ND 0.2 Pass Dimethoate ND 0.2 Pass Ethoprophos ND 0.2 Pass Etofenprox ND 0.4 Pass Fenoxycarle ND 0.2 Pass Fenpyroximate ND 0.4 Pass Fipronil ND 0.4 Pass Flonicamid ND 1.0 Pass	Chlorpyrifos	ND	0.2	Pass
Cypermethrin ND 1.0 Pass Daminozide ND 1.0 Pass Dichlorvos ND 0.1 Pass Diazinon ND 0.2 Pass Dimethoate ND 0.2 Pass Ethoprophos ND 0.2 Pass Etofenprox ND 0.4 Pass Etoxazole ND 0.2 Pass Fenoxycarb ND 0.2 Pass Fenpyroximate ND 0.4 Pass Fipronil ND 0.4 Pass Flonicamid ND 1.0 Pass	Clofentezine	ND	0.2	Pass
Daminozide ND 1.0 Pass Dichlorvos ND 0.1 Pass Diazinon ND 0.2 Pass Dimethoate ND 0.2 Pass Ethoprophos ND 0.2 Pass Etofenprox ND 0.4 Pass Etoxazole ND 0.2 Pass Fenoxycarb ND 0.2 Pass Fenpyroximate ND 0.4 Pass Fipronil ND 0.4 Pass Flonicamid ND 1.0 Pass	Cyfluthrin	ND	1.0	Pass
Dichlorvos ND 0.1 Pass Diazinon ND 0.2 Pass Dimethoate ND 0.2 Pass Ethoprophos ND 0.2 Pass Etofenprox ND 0.4 Pass Etoxazole ND 0.2 Pass Fenoxycarb ND 0.2 Pass Fenpyroximate ND 0.4 Pass Fipronil ND 0.4 Pass Flonicamid ND 1.0 Pass	Cypermethrin	ND	1.0	Pass
Diazinon ND 0.2 Pass Dimethoate ND 0.2 Pass Ethoprophos ND 0.2 Pass Etofenprox ND 0.4 Pass Etoxazole ND 0.2 Pass Fenoxycarb ND 0.2 Pass Fenpyroximate ND 0.4 Pass Fipronil ND 0.4 Pass Flonicamid ND 1.0 Pass	Daminozide	ND	1.0	Pass
Dimethoate ND 0.2 Pass Ethoprophos ND 0.2 Pass Etofenprox ND 0.4 Pass Etoxazole ND 0.2 Pass Fenoxycarb ND 0.2 Pass Fenpyroximate ND 0.4 Pass Fipronil ND 0.4 Pass Flonicamid ND 1.0 Pass	Dichlorvos	ND	0.1	Pass
Ethoprophos ND 0.2 Pass Etofenprox ND 0.4 Pass Etoxazole ND 0.2 Pass Fenoxycarb ND 0.2 Pass Fenpyroximate ND 0.4 Pass Fipronil ND 0.4 Pass Flonicamid ND 1.0 Pass	Diazinon	ND	0.2	Pass
Etofenprox ND 0.4 Pass Etoxazole ND 0.2 Pass Fenoxycarb ND 0.2 Pass Fenpyroximate ND 0.4 Pass Fipronil ND 0.4 Pass Flonicamid ND 1.0 Pass	Dimethoate	ND	0.2	Pass
EtoxazoleND0.2PassFenoxycarbND0.2PassFenpyroximateND0.4PassFipronilND0.4PassFlonicamidND1.0Pass	Ethoprophos	ND	0.2	Pass
FenoxycarbND0.2PassFenpyroximateND0.4PassFipronilND0.4PassFlonicamidND1.0Pass	Etofenprox	ND	0.4	Pass
FenpyroximateND0.4PassFipronilND0.4PassFlonicamidND1.0Pass	Etoxazole	ND	0.2	Pass
Fipronil ND 0.4 Pass Flonicamid ND 1.0 Pass	Fenoxycarb	ND	0.2	Pass
Flonicamid ND 1.0 Pass	Fenpyroximate	ND	0.4	Pass
	Fipronil	ND	0.4	Pass
Fludioxonil ND 0.4 Pass	Flonicamid	ND	1.0	Pass
	Fludioxonil	ND	0.4	Pass

Pesticide:	Finding	Action Limit (µg/g)	Pass/Fai
Hexythiazon	ND	1.0	Pass
Imazal	ND	0.2	Pass
Imidacloprid	ND	0.4	Pass
Kresoxim-methyl	ND	0.4	Pass
Malathion A	ND	0.2	Pass
Metalaxyl	ND	0.2	Pass
Methiocarb	ND	0.2	Pass
Methomyl	ND	0.4	Pass
Methylparathion	ND	0.2	Pass
MGK-264	ND	0.2	Pass
Myclobutanil	ND	0.2	Pass
Naled	ND	0.5	Pass
Oxamyl	ND	1.0	Pass
Paclobutrazol	ND	0.4	Pass
Permethrins	ND	0.2	Pass
Phosmet	ND	0.2	Pass
Piperonylbutoxide	ND	2.0	Pass
Prallethrin	ND	0.2	Pass
Propiconazole	ND	0.4	Pass
Propoxur	ND	0.2	Pass
Pyrethrin	ND	1.0	Pass
Pyridaben	ND	0.2	Pass
Spinosad	ND	0.2	Pass
Spinetoram	ND	0.1	Pass
Spirotetramat	ND	0.2	Pass
Spiroxamine	ND	0.4	Pass
Tebuconazole	ND	0.4	Pass
Thiacloprid	ND	0.2	Pass
Thiamethoxam	ND	0.2	Pass
Trifloxystrobin	ND	0.2	Pass

Performed by:

Nicholas Saichek Reviewed by:

<u>William</u> Deutschman

Pesticide testing performed in a non-ISO 17025:2017 accredited facility. Pass/Fail determinations based on Utah Administrative Rule R68-29.



Residual Solvents

Method: SOP 1-2027.03 Sample Name: Relax CBD Drops 1000 mg APRC Lot Number: MMX240621P

Residual Solvent	Finding (µg/g)	Action Level (µg/g)	Pass/Fail
Dimethyl sulfoxide	ND	5000	Pass
N,N-dimethylacetamide	ND	1090	Pass
1,2 Dimethoxyethane	ND	100	Pass
1,4 Dioxane	ND	380	Pass
1-Butanol	ND	5000	Pass
1-Pentanol	ND	5000	Pass
1-Propanol	ND	5000	Pass
2-Butanone	ND	5000	Pass
2-Butanol	ND	5000	Pass
2-Ethoxyethanol	ND /	160	Pass
2-Methylbutane	ND	5000	Pass
2-Propanol	ND	5000	Pass
Acetone	ND	5000	Pass
Acetonitrile	ND	410	Pass
Benzene	ND	2	Pass
Butane	ND	5000	Pass
Cumene	ND	70	Pass
Cyclohexane	ND	3880	Pass
Dichloromethane	ND	600	Pass
2,2-Dimethylbutane	ND	290	Pass
2,3-Dimethylbutane	ND	290	Pass
m,p-Xylene	ND	See Total Xylenes	Pass
o-Xylene	ND	See Total Xylenes	Pass
Ethanol	ND	5000	Pass
Ethyl Acetate	ND	5000	Pass
Ethyl Benzene	ND	See Total Xylenes	Pass
Ethyl Ether	ND	5000	Pass
Ethylene Glycol	ND	620	Pass
Ethylene Oxide	ND	50	Pass

Residual Solvent	Finding (μg/g)	Action Level (μg/g)	Pass/Fail
Heptane	9.353	5000	Pass
Hexane	ND	290	Pass
Isopropyl Acetate	ND	5000	Pass
Methanol	ND	3000	Pass
Methylpropane	ND	5000	Pass
2-Methylpentane	ND	290	Pass
3-Methylpentane	ND	290	Pass
N,N-Dimethylformamide	ND	880	Pass
Pentane	ND	5000	Pass
Propane	ND	5000	Pass
Pyridine	ND	100	Pass
Sulfolane	ND	160	Pass
Tetrahydrofuran	ND	720	Pass
Toluene	ND	890	Pass
Total Xylenes	ND	2170	Pass

† Per Utah state code 4-41a-701(3) Section R68-29-6 ‡ Total Xylenes is a combination of the following: o-Xylene, m-Xylene, p-Xylene, and Ethylbenzene

> Overall Disposition: <u>Pass</u> Performed By: <u>Anil Rokaya</u> Reviewed By: <u>Riley Hunter</u>



Mycotoxins

Method: Mycotoxin Sample Name: Relax CBD Drops 1000 mg APRC Lot Number: MMX240621P

Mycotoxin	Finding (µg/kg)	Limit(μg/kg)	Pass/Fail
Aflatoxin B1:	ND	201	
Aflatoxin B2:	ND		
Aflatoxin G1:	ND		
Aflatoxin G2:	ND		
Total Aflatoxins:	0	20	Pass
Ochratoxin A:	ND	20	Pass

Performed by: Nicholas Saichek

Reviewed by: William Deutschman



Terpenes

Method: SOP 1-2029.03 Sample Name: Relax CBD Drops 1000 mg APRC Lot Number: MMX240621P

Analyte	Total % (w/w)	Total (mg/g)		
α-Pinene	ND	ND		
Camphene	ND	ND		
Sabinene	ND	ND		
β-pinene	ND	ND		
Myrcene	ND	ND		
alpha-Phellanderene	ND	ND		
3-Carene	ND	ND		
Terpinene	ND	ND		
m-Cymene	ND	ND		
p-Cymene	ND	ND		
Limonene	ND	ND		
cis-β-Ocimene	ND	ND		
Eucalyptol	ND	ND		
ortho-Cymene	ND	ND		
trans-β-Ocimene	ND	ND		
γ-Terpinene	ND	ND		
Sabinine Hydrate	ND	ND		
terpinolene	ND	ND		
Linalool	ND	ND		
Fenchyl Alcohol	ND	ND		
Isopulegol	ND	ND		
Isoborneol	ND	ND		
Borneol	ND	ND		

Analyte	Total % (w/w)	Total (mg/g)
Menthol	ND	ND
Terpinen-4-ol	ND	ND
alpha-Terpineol	ND	ND
Nerol	ND	ND
Citronellol	ND	ND
Geraniol	ND	ND
Thymol	ND	ND
Carvacrol	ND	ND
(-)-alpha-Cedrene	ND	ND
beta-Caryophyllene	ND	ND
beta-Cedrene	ND	ND
trans-beta-Farnesene	ND	ND
Humulene	ND	ND
Valencene	ND	ND
cis-Nerolidol	ND	ND
trans-Nerolidol	ND	ND
Squalene	ND	ND
Guaiol	ND	ND
Cedrol	ND	ND
α-Bisabolol	0.002	0.019
Farneseol	0.005	0.055
Phytane (2,6,10,14- Tetramethylhexadecane)	ND	ND
Total	0.007	0.074

Performed by: Anil Rokaya Reviewed by: Riley Hunter

Approved By:

Jordan Morley Laboratory Supervisor 06/28/2024