

Pesticides

# Certificate of Analysis

#### **QA SAMPLE - INFORMATIONAL ONLY**

ICAL ID: 20240913-049 Sample: CA240913-024-069 MLH-090324-C Strain: MLH-090324-C Category: Concentrates & Extracts Type: Distillate

Lic.# 5511 95th Ave, Kenosha, WI, 53144 Kenosha, WI 53144

Lic.#

**Pass** 

Batch#: MLH-090324-C Batch Size Collected: Total Batch Size: Collected: 09/17/2024; Received: 09/17/2024 Completed: 09/17/2024

Moistu <b>NT</b> Water Ac <b>NT</b>	NT	NT		Total Cannabinoids <b>NT</b>	Sum of Cannabinoids <b>NT</b>	Total Terpenes <b>NT</b>		
Summary	SOP Used	Date Tested						
Batch Residual Solvents Microbials Mycotoxins Heavy Metals Pesticides	RS-PREP-001 MICRO-PREP-001 PESTMYCO-LC-PREP-001 HM-PREP-001 PESTMYCO-LC-PREP-001/	09/17/2024 09/16/2024 09/17/2024 09/16/2024	Pass Pass Pass Pass Pass Pass					



Scan to see results

## **Cannabinoid Profile**

PEST-GC-PREP-001

LOD (mg/g) LOD (mg/g) % LOQ (mg/g) mg/g Analyte mg/g

Total THC=THCa \* 0.877 + d9-THC + d8-THC: Total CBD = CBDa \* 0.877 + CBD. Total Cannabinoids=(Acidic Cannabinoids)\*0.877+Non-acidic Cannabinoids: Sum of Cannabinoids=Acidic Cannabinoids=Non-acidic Cannabinoids. LOD= Limit of Detection, LOQ= Limit of Quantitation, ND= Not Detected, NR= Not Reported. Potency is reported on a dry weight basis. Instrumentation and analysis SOPs used: Cannabinoids: UHPLC-DAD(POT-INST-005), Moisture: Moistur measured at 0-90% RH. All QA submitted by the client, All CA State Compliance sampled using SAMPL-SOP-001.

## Terpene Profile

LOQ (mg/g) LOD (mg/g) % LOQ (mg/g) LOD (mg/g) % Analyte mg/g Analyte mg/g

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP TERP-INST-003.



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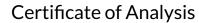
Josh Swider

Lab Director, Managing Partner 09/17/2024

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This product has been tested by Infinite Chemical Analysis, LLC using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 15730, pursuant to 16 CCR section 15726(e)(13). Values reported relate only to the product tested. Infinite Chemical Analysis, LLC makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Infinite Chemical Analysis, LLC.



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## **Residual Solvent Analysis**

Category 1		LOQ	LOD	Limit :	Status	Category 2		LOQ	LOD	Limit	Status	Category 2		LOQ	LOD	Limit	Status
	μg/g	µg/g		μg/g			μg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
1,2-Dichloro-Ethane	ND	0.509	0.17	1	Pass	Acetone	ND	51.246	17.082	5000	Pass	n-Hexane	ND	0.2807	0.066	290	Pass
Benzene	ND	0.064	0.021	1	Pass	Acetonitrile	ND	0.359	0.12	410	Pass	Isopropanol	ND	3.8401	1.28	5000	Pass
Chloroform	ND	0.108	0.036	1	Pass	Butane	ND	4.849	0.971	5000	Pass	Methanol	ND	8.917	2.972	3000	Pass
Ethylene Oxide	ND	0.579	0.153	1	Pass	Ethanol	ND	7.843	2.614	5000	Pass	Pentane	ND	4.271	0.962	5000	Pass
Methylene-Chloride	ND	0.7288	0.127	1	Pass	Ethyl-Acetate	ND	2.288	0.313	5000	Pass	Propane	ND	13.302	4.434	5000	Pass
Trichloroethene	ND	0.145	0.018	1	Pass	Ethyl-Ether	ND	3.548	1.183	5000	Pass	Toluene	ND	0.864	0.088	890	Pass
						Heptane	ND	2.859	0.687	5000	Pass	Xylenes	ND	2.572	0.216	2170	Pass

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP RS-

# **Heavy Metal Screening**

		LOQ	LOD	Limit	Status
	μg/g	μg/g	μg/g	μg/g	
Arsenic	ND	0.009	0.003	0.2	Pass
Cadmium	ND	0.002	0.001	0.2	Pass
Lead	ND	0.004	0.001	0.5	Pass
Mercury	ND	0.014	0.005	0.1	Pass

 $NR = Not \ Reported \ (no \ analysis \ was \ performed), \ ND = Not \ Detected \ (the \ concentration \ is less \ then \ the \ Limit \ of \ Detection \ (LOD)). \ Analytical \ instrumentation \ used: \ ICP-MS; \ samples \ analyzed \ according \ to \ SOP \ HM-limit \ of \ Detection \ (LOD)).$ 

# Microbiological Screening

	Limit	Result	Status
	CFU/g	CFU/g	
Aspergillus flavus		Not Detected	Pass
Aspergillus fumigatus		Not Detected	Pass
Aspergillus niger		Not Detected	Pass
Aspergillus terreus		Not Detected	Pass
STEC		Not Detected	Pass
Salmonella SPP		Not Detected	Pass

ND=Not Detected. Analytical instrumentation used:qPCR; samples analyzed according to SOP MICRO-INST-001.



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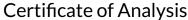
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ND

ND

ND

0.030

0.008

0.006

0.005

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Status

Tested Tested Tested Tested **Pass** Pass

Limit µg/kg

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## **Chemical Residue Screening**

Type: Distillate

Category 1		LOQ	LOD	Status	Mycotoxins		LOQ	LOD
	μg/g	µg/g	µg/g	_		μg/kg	µg/kg	µg/kg
Aldicarb	ND	0.030	0.008	Pass	B1	ND	8.98	2.96
Carbofuran	ND	0.030	0.005	Pass	B2	ND	10.17	3.36
Chlordane	NR	0.075	0.025	NT	G1	ND	5.25	1.73
Chlorfenapyr	NR	0.075	0.025	NT	G2	ND	6.26	2.07
Chlorpyrifos	ND	0.046	0.015	Pass	Ochratoxin A	ND	13.37	4.41
Coumaphos	ND	0.030	0.004	Pass	Total Aflatoxins	ND		
Daminozide	ND	0.053	0.018	Pass				
Dichlorvos	ND	0.055	0.018	Pass				
Dimethoate	ND	0.030	0.006	Pass				
Ethoprophos	ND	0.030	0.006	Pass				
Etofenprox	ND	0.030	0.004	Pass				
Fenoxycarb	ND	0.030	0.004	Pass				
Fipronil	ND	0.050	0.017	Pass				
Imazalil	ND	0.030	0.009	Pass				
Methiocarb	ND	0.030	0.002	Pass				
Mevinphos	ND	0.030	0.008	Pass				
Paclobutrazol	ND	0.030	0.009	Pass				
Parathion Methyl	NR	0.024	0.008	NT				

Pass

**Pass** 

Pass

Category 2		LOQ	LOD	Limit	Status	Category 2		LOQ	LOD	Limit	Status
	μg/g	μg/g	μg/g	µg/g			μg/g	µg/g	μg/g	μg/g	
Abamectin	ND	0.099	0.033	0.1	Pass	Kresoxim Methyl	ND	0.030	0.007	0.1	Pass
Acephate	ND	0.030	0.007	0.1	Pass	Malathion	ND	0.030	0.003	0.5	Pass
Acequinocyl	ND	0.046	0.015	0.1	Pass	Metalaxyl	ND	0.030	0.005	2	Pass
Acetamiprid	ND	0.030	0.005	0.1	Pass	Methomyl	ND	0.030	0.009	1	Pass
Azoxystrobin	ND	0.030	0.005	0.1	Pass	Myclobutanil	ND	0.030	0.007	0.1	Pass
Bifenazate	ND	0.030	0.007	0.1	Pass	Naled	NR	0.030	0.008	0.1	NT
Bifenthrin	ND	0.030	0.004	3	Pass	Oxamyl	ND	0.030	0.007	0.5	Pass
Boscalid	ND	0.030	0.008	0.1	Pass	Pentachloronitrobenzene	NR	0.054	0.018	0.1	NT
Captan	NR	0.358	0.120	0.7	NT	Permethrin	ND	0.030	0.002	0.5	Pass
Carbaryl	ND	0.030	0.006	0.5	Pass	Phosmet	ND	0.030	0.005	0.1	Pass
Chlorantraniliprole	ND	0.030	0.009	10	Pass	Piperonyl Butoxide	ND	0.030	0.003	3	Pass
Clofentezine	ND	0.030	0.002	0.1	Pass	Prallethrin	ND	0.071	0.023	0.1	Pass
Cyfluthrin	NR	0.056	0.019	2	NT	Propiconazole	ND	0.030	0.009	0.1	Pass
Cypermethrin	NR	0.181	0.060	1	NT	Pyrethrins	ND	0.030	0.003	0.5	Pass
Diazinon	ND	0.030	0.005	0.1	Pass	Pyridaben	ND	0.030	0.002	0.1	Pass
Dimethomorph	ND	0.030	0.005	2	Pass	Spinetoram	ND	0.030	0.001	0.1	Pass
Etoxazole	ND	0.030	0.004	0.1	Pass	Spinosad	ND	0.030	0.001	0.1	Pass
Fenhexamid	ND	0.034	0.011	0.1	Pass	Spiromesifen	ND	0.030	0.009	0.1	Pass
Fenpyroximate	ND	0.030	0.004	0.1	Pass	Spirotetramat	ND	0.030	0.008	0.1	Pass
Flonicamid	ND	0.035	0.012	0.1	Pass	Tebuconazole	ND	0.030	0.006	0.1	Pass
Fludioxonil	ND	0.036	0.012	0.1	Pass	Thiamethoxam	ND	0.030	0.008	5	Pass
Hexythiazox	ND	0.030	0.001	0.1	Pass	Trifloxystrobin	ND	0.030	0.003	0.1	Pass
Imidacloprid	ND	0.033	0.011	5	Pass	<u> </u>					

#### Other Analyte(s):

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: LC-MS-MS & GC-MS-MS; samples analyzed according to SOPs PESTMYCO-LC-INST-004 and PEST-GC-INST-003.



Propoxur Spiroxamine

Thiacloprid

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