

CERTIFICATE OF ANALYSIS

PRODUCED: DEC 30, 2024

SAMPLE: PURPLE PUNCH 2G DISPOSABLE (CONCENTRATE) // CLIENT: MUHA MEDS / MICHIGAN INVESTMENTS 10 INC. // BATCH: PASS



BATCH NO.: 145192  
 MATRIX: CONCENTRATE  
 CATEGORY: INHALABLE  
 SAMPLE ID: KL-241226-011  
 COLLECTED ON: DEC 26, 2024  
 RECEIVED ON: DEC 26, 2024  
 BATCH/SAMPLE SIZE: 5281 UNITS / 8 UNITS  
 RECEIVED BY: DONNA YE

CANNABINOID OVERVIEW	
SUM OF CANNABINOIDS:	91.63 %
TOTAL THC:	86.24 %
Δ <sup>9</sup> -THC:	86.24 %

**MANUFACTURER INFO**

**MANUFACTURER**  
 MUHA MEDS / MICHIGAN INVESTMENTS  
 10 INC.  
 772 E PINCONNING RD  
 PINCONNING, MI 48650

**LICENSE**  
 AU-P-000171  
 ADULT-USE - MARIHUANA PROCESSOR

**DISTRIBUTOR INFO**

**DISTRIBUTOR**  
 MUHA MEDS / MICHIGAN INVESTMENTS  
 10 INC.  
 772 E PINCONNING RD  
 PINCONNING, MI 48650

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**BATCH RESULT: PASS**

ADDITIVES	PASS
CANNABINOIDS	PASS
METALS	PASS
LIPIDS	PASS
PESTICIDES	PASS
SOLVENTS	PASS

CHEM-004.01: QUANTITATIVE CANNABINOIDS ANALYSIS BY HPLC-DAD // DEC 29, 2024

ANALYTE	PASS/FAIL	LIMIT (%)	AMT (%)	AMT (mg/g)	LOD/LOQ (mg/g)	ANALYTE	PASS/FAIL	LIMIT (%)	AMT (%)	AMT (mg/g)	LOD/LOQ (mg/g)
CBC	N/A		0.43	4.3	0.30/0.50	Δ <sup>8</sup> -THC	Pass	10	ND	ND	0.30/0.50
CBD	N/A		0.23	2.3	0.30/0.50	Δ <sup>9</sup> -THC	N/A		86.24	862.4	0.30/0.50
CBDA	N/A		ND	ND	0.30/0.50	Exo-THC	N/A		ND	ND	0.30/0.50
CBDV	N/A		ND	ND	0.30/0.50	THCA	N/A		ND	ND	0.30/0.50
CBG	N/A		3.07	30.7	0.30/0.50	THCV	N/A		0.59	5.9	0.30/0.50
CBGA	N/A		ND	ND	0.30/0.50	Total THC**	N/A		86.24	862.4	
CBN	N/A		1.07	10.7	0.30/0.50	Total CBD**	N/A		0.23	2.3	

\*\* TOTAL THC = DELTA-8-THC + DELTA-9-THC + (THCA X 0.877)  
 \*\* TOTAL CBD = CBD + (CBDA X 0.877)

RESULTS CERTIFIED BY: DOUGLAS A DUNCAN  
 LABORATORY DIRECTOR, KAIROS LABORATORIES  
 DEC 30, 2024



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## QUANTITATIVE LIPIDS ANALYSIS BY HPLC-DAD // DEC 28, 2024

ANALYTE	PASS/FAIL	LIMIT (µg/g)	AMT (µg/g)
Glycerol tricaprte (C10)	Pass	100	ND
Glycerol tricaprionate (C6)	Pass	100	ND

ANALYTE	PASS/FAIL	LIMIT (µg/g)	AMT (µg/g)
Glycerol tricaprlylate (C8)	Pass	100	24.72
Glycerol trilaurate (C12)	Pass	100	ND

## : QUANTITATIVE ADULTERANT ANALYSIS BY HPLC-DAD // DEC 28, 2024

ANALYTE	PASS/FAIL	LIMIT (µg/g)	AMT (µg/g)	LOD/LOQ
Vitamin E Acetate	Pass	100	ND	

## CHEM-009.01: QUANTITATIVE GC-CHEMICAL RESIDUES ANALYSIS BY GC-MS/MS // DEC 29, 2024

ANALYTE	PASS/FAIL	LIMIT (µg/g)	AMT (µg/g)	LOD/LOQ
Chlorfenapyr	Pass	1	ND	
Cyfluthrin	Pass	1	ND	
Cypermethrin	Pass	1	ND	

ANALYTE	PASS/FAIL	LIMIT (µg/g)	AMT (µg/g)	LOD/LOQ
Methyl parathion	Pass	0.2	ND	
MGK-264	Pass	0.2	ND	
Permethrin	Pass	0.2	ND	

## CHEM-008: QUANTITATIVE LC-CHEMICAL RESIDUES ANALYSIS BY LC-MS/MS // DEC 30, 2024

ANALYTE	PASS/FAIL	LIMIT (µg/g)	AMT (µg/g)	LOD/LOQ (µg/g)
Abamectin	Pass	0.5	ND	0.12/0.12
Abamectin Ba	N/A		ND	
Abamectin Bb	N/A		ND	
Acephate	Pass	0.4	< LOQ	0.00/0.01
Acequinocyl	Pass	2	< LOQ	0.00/0.01
Acetamiprid	Pass	0.2	ND	0.01/0.02
Aldicarb	Pass	0.4	ND	0.02/0.06
Azoxystrobin	Pass	0.2	ND	0.01/0.02
Bifenazate	Pass	0.2	ND	0.02/0.05
Bifenthrin	Pass	0.2	ND	0.01/0.02
Boscalid	Pass	0.4	ND	0.03/0.08
Carbaryl	Pass	0.2	ND	0.01/0.03
Carbofuran	Pass	0.2	ND	0.01/0.01
Chlorantranil- iprole	Pass	0.2	ND	0.02/0.06
Chlorpyrifos	Pass	0.2	ND	0.01/0.03
Clofentezine	Pass	0.2	ND	0.01/0.03
Daminozide	Pass	1	ND	0.01/0.02
Diazinon	Pass	0.2	ND	0.01/0.03
Dichlorvos	Pass	1	ND	0.02/0.04
Dimethoate	Pass	0.2	ND	0.01/0.03
Ethoprophos	Pass	0.2	ND	0.01/0.03
Etofenprox	Pass	0.4	ND	0.01/0.02
Etoxazole	Pass	0.2	ND	0.01/0.01
Fenoxycarb	Pass	0.2	ND	0.02/0.05
Fenpyroximate	Pass	0.4	ND	0.01/0.02
Fipronil	Pass	0.4	ND	0.08/0.21
Flonicamid	Pass	1	ND	0.03/0.06
Fludioxonil	Pass	0.4	ND	0.03/0.07
Hexythiazox	Pass	1	ND	0.01/0.02
Imazalil	Pass	0.2	ND	0.03/0.07
Imidacloprid	Pass	0.4	ND	0.01/0.03

ANALYTE	PASS/FAIL	LIMIT (µg/g)	AMT (µg/g)	LOD/LOQ (µg/g)
Kresoxim- methyl	Pass	0.4	ND	0.01/0.03
Malathion	Pass	0.2	ND	0.02/0.06
Metaxyl	Pass	0.2	ND	0.01/0.02
Methiocarb	Pass	0.2	ND	0.03/0.07
Methomyl	Pass	0.4	ND	0.01/0.03
Myclobutanil	Pass	0.2	ND	0.03/0.08
Naled	Pass	0.5	ND	0.03/0.08
Oxamyl	Pass	1	ND	0.01/0.02
Paclobutrazol	Pass	0.4	ND	0.01/0.02
Phosmet	Pass	0.2	ND	0.01/0.04
Prallethrin	Pass	0.2	ND	0.03/0.08
Propiconazole	Pass	0.4	ND	0.01/0.03
Propoxur	Pass	0.2	ND	0.02/0.04
Pyrethrins	Pass	1	ND	
Pyrethrins Cinerin I	N/A		ND	0.00/0.00
Pyrethrins Cinerin II	N/A		ND	0.00/0.00
Pyrethrins Jasmolin I	N/A		ND	0.00/0.00
Pyrethrins Jasmolin II	N/A		ND	0.00/0.00
Pyrethrins Pyrethrin I	N/A		ND	0.01/0.03
Pyrethrins Pyrethrin II	N/A		ND	0.01/0.03
Pyridaben	Pass	0.2	ND	0.01/0.02
Spinosad	Pass	0.2	ND	
Spinosad A	N/A		ND	
Spinosad D	N/A		ND	
Spiromesifen	Pass	0.2	ND	0.01/0.01
Spirotetramat	Pass	0.2	ND	0.01/0.02
Spiroxamine	Pass	0.4	ND	0.01/0.02
Tebuconazole	Pass	0.4	ND	0.01/0.03
Thiacloprid	Pass	0.2	ND	0.01/0.02
Thiamethoxam	Pass	0.2	ND	0.02/0.05
Trifloxystrob- in	Pass	0.2	ND	0.01/0.01

## ELEM-006.01: QUANTITATIVE ELEMENTAL ANALYSIS BY ICP-MS // DEC 28, 2024

ANALYTE	PASS/FAIL	LIMIT (µg/g)	AMT (µg/g)	LOD/LOQ (µg/g)
Arsenic	Pass	0.2	ND	0.00/0.00
Cadmium	Pass	0.2	ND	0.00/0.00
Chromium	Pass	0.6	0.01	0.00/0.00
Copper	Pass	3	0.09	0.00/0.00

ANALYTE	PASS/FAIL	LIMIT (µg/g)	AMT (µg/g)	LOD/LOQ (µg/g)
Lead	Pass	0.5	0.01	0.00/0.00
Mercury	Pass	0.1	ND	0.00/0.00
Nickel	Pass	0.5	0.02	0.00/0.00

## CHEM-011.01: QUANTITATIVE RESIDUAL SOLVENTS ANALYSIS BY GC(HS)-MS // DEC 28, 2024

ANALYTE	PASS/FAIL	LIMIT (µg/g)	AMT (µg/g)	LOD/LOQ (µg/g)
Ethylene oxide	Pass	5	ND	0.68/1.95

ANALYTE	PASS/FAIL	LIMIT (µg/g)	AMT (µg/g)	LOD/LOQ (µg/g)
Ethylene oxide	Pass	5	ND	0.68/1.95

**RESULTS CERTIFIED BY: DOUGLAS A DUNCAN**  
 LABORATORY DIRECTOR, KAIROS LABORATORIES  
 DEC 30, 2024

*Douglas A Duncan*

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# REGULATORY COMPLIANCE TESTING

1,2-Dichloroethane	Pass	2	ND	0.23/0.23	Heptane	Pass	500	ND	2.60/7.81
2,2-Dimethylbutane	Pass	50	ND	2.60/7.81	Hexane	Pass	50	ND	2.60/7.81
2,3-Dimethylbutane	Pass	50	ND	2.60/7.81	Hexanes all isomers	Pass	50	ND	
2-Methylbutane	Pass	750	ND	2.60/7.81	Isobutane	Pass	800	ND	2.60/7.81
2-Methylpentane	Pass	50	ND	2.60/7.81	Isopropyl alcohol	Pass	500	ND	2.60/7.81
3-Methylpentane	Pass	50	ND	2.60/7.81	Methanol	Pass	250	ND	2.60/7.81
Acetone	Pass	750	ND	2.60/7.81	Methylene chloride	Pass	125	ND	2.60/7.81
Acetonitrile	Pass	60	ND	2.60/7.81	Neopentane	Pass	750	ND	2.60/7.81
Benzene	Pass	1	ND	0.13/0.39	Pentane	Pass	750	ND	2.60/7.81
Butane	Pass	800	ND	2.60/7.81	Pentanes all isomers	Pass	750	ND	
Butanes all isomers	Pass	800	ND		Propane	Pass	2100	ND	2.60/7.81
Chloroform	Pass	2	ND	0.26/0.78	Toluene	Pass	150	ND	2.60/7.81
Ethanol	Pass	1000	34.21	4.33/7.81	Total xylenes	Pass	150	ND	2.60/7.81
Ethyl acetate	Pass	400	ND	2.60/7.81	Trichloroethylene	Pass	25	ND	0.26/0.78
Ethyl ether	Pass	500	ND	2.60/7.81					

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