

Medicine Creek Analytics Certificate of Analysis

3700 Pacific HWY E, Ste 400, Fife, WA 98424
 WA State I502 Certification 0018 | ISO 17025 91428 | Accreditation #91428



Sample: Rest Well

#COC/INVOICE: 7246

Sample ID 240605-046	Matrix Tincture	Lot or Batch # BK-24-177	External Inv ID
Tested for Polite Health LLC	Address 4311 11th Ave NE 5th Floor Seattle, WA 98105	License 605 273 633	
Received 06/06/2024		Reported 06/25/2024	

Analyses executed **CAN, MET, MIC, RES, MYC, PES_R**

CAN - Cannabinoid Profile

Analyzed **Jun 19, 2024** | Instrument **HPLC LC2040**

Analyte	LOD %	LOQ %	Result %	Result mg/g	Result mg/mL	Result mg/unit
CBDV	0.003	0.01	ND	ND	ND	ND
CBDA	0.003	0.01	ND	ND	ND	ND
CBD	0.003	0.01	2.659	26.586	24.459	366.881
CBGA	0.003	0.01	ND	ND	ND	ND
CBG	0.003	0.01	0.285	2.855	2.626	39.394
THCV	0.003	0.01	ND	ND	ND	ND
CBN	0.003	0.01	1.111	11.108	10.219	153.29
THCA	0.003	0.01	ND	ND	ND	ND
Δ9 THC	0.003	0.01	0.176	1.764	1.623	24.339
Δ8 THC	0.003	0.01	ND	ND	ND	ND
CBC	0.003	0.01	0.138	1.375	1.265	18.977
Total THC (THCa * 0.877 + THC)			0.176	1.764	1.623	24.339
Total CBD (CBDa * 0.877 + CBD)			2.659	26.586	24.459	366.881

PES_R - R&D Pesticide (long list)

Analyzed **Jun 12, 2024** | Instrument **LC-MS/MS (ESI) & GC-MS/MS**

Analyte	LOD ppm	LOQ ppm	Result ppm	Analyte	LOD ppm	LOQ ppm	Result ppm
3-Hydroxycarbofuran	0.075	0.25	ND	Abamectin B1a	0.15	0.45	ND
Acephate	0.1	0.3	ND	Acetamiprid	0.33	0.1	ND
Acequinocyl			ND	Aldicarb	0.075	0.25	ND
Aldicarb Sulfone	0.05	0.2	ND	Aminocarb	0.033	0.1	ND
Atrazine-GC			ND	Azoxystrobin	0.05	0.2	ND
Benalaxyl	0.05	0.15	ND	Bifenazate	0.05	0.2	ND
Bifenthrin-LC	0.05	0.2	ND	Boscalid			ND
Butafenacil	0.05	0.15	ND	Carbaryl	0.05	0.2	ND
Carbetamide	0.05	0.15	ND	Carbofuran	0.05	0.15	ND
Carboxin	0.05	0.15	ND	Carfentrazone-ethyl	0.05	0.2	ND
Chlorantraniliprole	0.075	0.25	ND	Chlorfenapyr			ND
Chlorotoluron	0.05	0.2	ND	Chloroxuron	0.05	0.15	ND
Chlorpyrifos-GC			ND	Clofentezine	0.05	0.2	ND
Clothianidin	0.05	0.15	ND	Cyazofamid	0.05	0.15	ND
Cycluron	0.05	0.15	ND	Cyfluthrin(Sum)	0.03	0.1	ND

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- TNTC** Too Numerous to Count
- mg/g** Milligrams per gram
- ppm** Parts per million
- WRL** Washington Regulatory Limit
- µg/g** Microgram per gram
- CFM** Confirmed or Alternate Method



Authorized Signature

Kamy Howitz

Kamy Howitz
06/25/2024



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Analyte	LOD ppm	LOQ ppm	Result ppm	Analyte	LOD ppm	LOQ ppm	Result ppm
Cypermethrin(Sum)	0.02	0.07	ND	Daminozide			ND
DDVP(Dichlorvos)	0.025	0.08	ND	Diazinon	0.05	0.2	ND
Dicrotophos	0.05	0.15	ND	Diethofencarb	0.05	0.15	ND
Dimethoate	0.05	0.2	ND	Dimethomorph	0.05	0.2	ND
Dimoxystrobin	0.05	0.15	ND	Diuron	0.1	0.3	ND
Epoxiconazole	0.075	0.25	ND	Ethiofencarb	0.075	0.25	ND
Ethoprophos	0.1	0.4	ND	Etofenprox	0.04	0.125	ND
Etoazole	0.05	0.2	ND	Fenamidone	0.1	0.3	ND
Fenazaquin	0.05	0.2	ND	Fenoxycarb	0.05	0.2	ND
Fenpyroximate	0.04	0.125	ND	Fenuron	0.033	0.1	ND
Fipronil	0.1	0.3	ND	Flonicamid	0.04	0.13	ND
Fluazinam	0.075	0.25	ND	Fludioxonil	0.1	0.3	ND
Flufenacet	0.05	0.2	ND	Fluometuron	0.05	0.2	ND
Flutolanil	0.05	0.2	ND	Flutriafol	0.05	0.15	ND
Fuberidazole	0.033	0.1	ND	Furalaxyl	0.05	0.15	ND
Furathiocarb	0.05	0.2	ND	Hexythiazox	0.05	0.2	ND
Imazalil	0.1	0.4	ND	Imidacloprid	0.05	0.2	ND
Indoxacarb	0.05	0.2	ND	Iprovalicarb	0.05	0.2	ND
Isoprocarb	0.05	0.2	ND	Isoproturon	0.05	0.2	ND
Kresoxym-methyl	0.05	0.15	ND	Malathion	0.05	0.2	ND
Mandipropamid	0.05	0.2	ND	Mefenacet	0.05	0.15	ND
Metalaxyl	0.05	0.15	ND	Methabenzthiazuron	0.05	0.15	ND
Methamidophos	0.033	0.1	ND	Methiocarb	0.06	0.19	ND
Methomyl	0.05	0.2	ND	Methoprotryne	0.05	0.2	ND
Methoxyfenozide	0.05	0.15	ND	Mexacarbate	0.033	0.1	ND
MGK-264(Sum)			ND	Monocrotophos	0.05	0.15	ND
Myclobutanil	0.075	0.25	ND	Naled	0.02	0.07	ND
Nitenpyram	0.05	0.2	ND	Omethoate	0.05	0.2	ND
Oxadixyl	0.05	0.15	ND	Oxamyl	0.033	0.1	ND
Paclbutrazol	0.05	0.2	ND	Parathion-Methyl	0.03	0.11	ND
Permethrin(Sum)-LC	0.05	0.2	ND	Phosmet	0.05	0.2	ND
Picoxystrobin	0.05	0.2	ND	Piperonyl Butoxide	0.05	0.15	ND
Pirimicarb	0.05	0.15	ND	Prallethrin	0.05	0.16	ND
Prometon	0.05	0.15	ND	Propamocarb	0.04	0.125	ND
Propargite	0.04	0.125	ND	Propiconazole(Sum)	0.2	0.4	ND
Propoxur	0.04	0.125	ND	Pymetrozine	0.05	0.2	ND
Pyracarbolid	0.04	0.125	ND	Pyraclostrobin	0.05	0.15	ND
Pyrethrin(Sum)-LC			ND	Pyridaben	0.05	0.2	ND
Pyriproxyfen	0.05	0.15	ND	Quinoxifen	0.033	0.1	ND
Rotenone	0.05	0.2	ND	Spinosad (Sum)			ND
Spiromesifen	0.04	0.125	ND	Spirotetramat	0.05	0.2	ND
Spiroxamine	0.05	0.15	ND	Tebuconazole	0.05	0.2	ND
Tebufenozide	0.05	0.15	ND	Tebuthiuron	0.04	0.125	ND
Thiacloprid	0.05	0.15	ND	Thiamethoxam	0.05	0.2	ND
Thiobencarb	0.05	0.2	ND	Thiophanate-Methyl	0.05	0.15	ND
Tricyclazole	0.05	0.15	ND	Trifloxystrobin	0.04	0.125	ND
Triflumizole	0.05	0.15	ND	Uniconazole	0.075	0.25	ND
Vamidothion	0.033	0.1	ND	Zoxamide	0.05	0.2	ND

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MET - Heavy Metals Detection

Analyzed Jun 07, 2024 | Instrument ICP-MS

Analyte	LOD ug/g	LOQ ug/g	Result ug/g (ppm)	Analyte	LOD ug/g	LOQ ug/g	Result ug/g (ppm)
Arsenic (As)	0.049	0.164	ND	Cadmium (Cd)	0.01	0.034	ND
Lead (Pb)	0.034	0.114	ND	Mercury (Hg)	0.01	0.035	ND

MIC - Microbial- I502 panel (3)

Analyzed Jun 12, 2024 | Instrument Plating

Analyte	LOD CFU/g	LOQ CFU/g	Result CFU/g	WRL CFU/g	Analyte	LOD CFU/g	LOQ CFU/g	Result CFU/g	WRL CFU/g
E. coli			ND	DET/ND	Bile Tolerant gram neg	100.0		ND	1000
Salmonella	100.0		ND	DET/ND					

RES - Residual Solvents

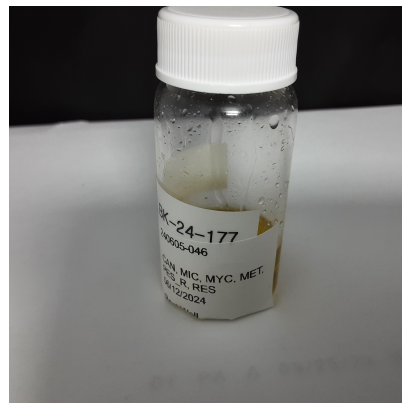
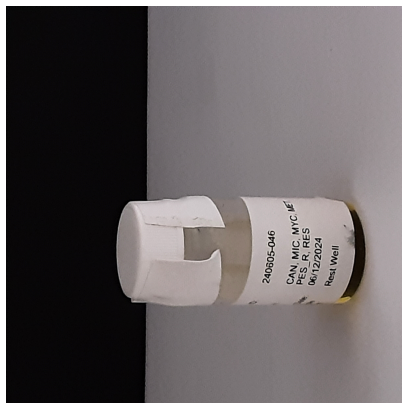
Analyzed Jun 07, 2024 | Instrument HS-GC-FID

Analyte	LOD ppm	LOQ ppm	Results PPM	WRL PPM	Analyte	LOD ppm	LOQ ppm	Results PPM	WRL PPM
Acetone	5	25	ND	5000	Acetonitrile	10	30	ND	50
Benzene	0.3	1.0	ND	2	Butane	5	20	ND	5000
Chloroform			ND	2	Cyclohexane	10	50	ND	3880
Dichloromethane	25	75	ND	600	Ethanol	5	20	ND	5000
Ethyl acetate	10	50	ND	5000	Ethyl ether	5	20	ND	5000
Heptane	10	50	ND	5000	Hexane	2	10	ND	290
Isobutane	5	20	ND	5000	Methanol	10	30	ND	3000
Pentane	2	6	ND	5000	2-Propanol (IPA)	5	25	ND	5000
Propane	10	50	ND	5000	Toluene	20	100	ND	890
Xylene	20	100	ND	2170					

MYC - Mycotoxins

Analyzed Jun 12, 2024 | Instrument LC-MS/MS

Analyte	LOD ppb	Result ppb	WRL ppb	Analyte	LOD ppb	Result ppb	WRL ppb
Total Aflatoxins	3.0	ND	20	Ochratoxin A	1.9	ND	20



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