

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: Polite CBD Softgels

#COC/INVOICE: 6833

Sample ID 231010-013	Matrix Capsules	Lot or Batch # RL10083	External Inv ID
Tested for Polite Health LLC	Address 4311 11th Ave NE 5th Floor Seattle, WA 98105		License 605 273 633
Received 10/13/2023	Reported 10/19/2023		

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

Report Comments: This product contains less than 0.3% THC by weight and is federally compliant.

PES_R - R&D Pesticide (long list)

Analyzed **Oct 19, 2023** | 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	0.5	2.0	ND	Aldicarb	0.075	0.25	ND
Aldicarb Sulfone	0.05	0.2	ND	Aminocarb	0.033	0.1	ND
Atrazine-GC			ND	Atrazine-LC			ND
Azoxystrobin	0.05	0.2	ND	Benalaxyl	0.05	0.15	ND
Bifenazate	0.05	0.2	ND	Bifenthrin-GC	0.05	0.2	ND
Bifenthrin-LC	0.05	0.2	ND	Boscalid	0.08	0.25	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	0.075	0.25	ND	Chlorpyrifos-LC	0.075	0.25	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	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	Etoxazole	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

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



Authorized Signature
Amber R. Wise
 Amber R. Wise, PhD
 Science Director
 10/19/2023



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Analyte	LOD ppm	LOQ ppm	Result ppm	Analyte	LOD ppm	LOQ ppm	Result ppm
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)	0.03	0.09	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	Paclobutrazol	0.05	0.2	ND
Parathion-Methyl	0.03	0.11	ND	Permethrin(Sum)-GC	0.05	0.2	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)	0.05	0.2	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

CAN - Cannabinoid Profile

Analyzed **Oct 19, 2023** | Instrument **HPLC LC2040**

Analyte	LOD %	LOQ %	Result %	Result mg/g	Result mg/unit
CBDV	0.003	0.01	ND	ND	ND
CBDA	0.003	0.01	ND	ND	ND
CBD	0.003	0.01	13.344	133.435	133.235
CBGA	0.003	0.01	ND	ND	ND
CBG	0.003	0.01	ND	ND	ND
THCV	0.003	0.01	ND	ND	ND
CBN	0.003	0.01	ND	ND	ND
THCA	0.003	0.01	ND	ND	ND
Δ9 THC	0.003	0.01	0.260	2.603	2.599
Δ8 THC	0.003	0.01	ND	ND	ND
CBC	0.003	0.01	ND	ND	ND
Total THC (THCa * 0.877 + THC)			0.260	2.603	2.599
Total CBD (CBDa * 0.877 + CBD)			13.344	133.435	133.235

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MET - Heavy Metals Detection

Analyzed **Oct 17, 2023** | 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	DET
Lead (Pb)	0.034	0.114	ND	Mercury (Hg)	0.01	0.035	ND

MIC - Microbial- I502 panel (3)

Analyzed **Oct 19, 2023** | 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 **Oct 19, 2023** | 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 **Oct 19, 2023** | 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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