

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: **Power up**#COC/INVOICE: **6305**

Sample ID **221118-002** Matrix **Tincture** Lot or Batch # **BK-22-116** External Inv ID

Tested for **Canvas Therapeutics** Address **9369 8th Ave. S, Suite B Seattle, WA 98108** License

Received **11/18/2022** Reported **02/17/2023**

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

PES_R - R&D Pesticide (long list)

Analyzed **Nov 23, 2022** | 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	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			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			ND	Clothianidin	0.05	0.15	ND
Cyazofamid	0.05	0.15	ND	Cycluron	0.05	0.15	ND
Cyfluthrin(Sum)			ND	Cypermethrin(Sum)			ND
Daminozide			ND	DDVP(Dichlorvos)			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			ND	Fluazinam	0.075	0.25	ND
Fludioxonil			ND	Flufenacet	0.05	0.2	ND
Fluometuron	0.05	0.2	ND	Flutolanil	0.05	0.2	ND
Flutriafol			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

NR Not Reported

ND Not Detected

<LOD Below Lod

NT Not Tested

LOD Limit of Detection

LOQ Limit of Quantification

DET Detected below quantitation limit

CFU/g Colony Forming Units per 1 gram

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

Amber R. Wise

Amber R. Wise, PhD
Science Director
02/17/2023

Analyte	LOD ppm	LOQ ppm	Result ppm	Analyte	LOD ppm	LOQ ppm	Result ppm
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			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			ND	Myclobutanil	0.075	0.25	ND
Naled			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			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			ND
Prometon	0.05	0.15	ND	Propamocarb	0.04	0.125	ND
Propargite	0.04	0.125	ND	Propiconazole(Sum)			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 Nov 23, 2022 | 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	3.647	36.466	33.913	508.702
CBGA	0.003	0.01	ND	ND	ND	ND
CBG	0.003	0.01	1.838	18.378	17.091	256.373
THCV	0.003	0.01	ND	ND	ND	ND
CBN	0.003	0.01	ND	ND	ND	ND
THCA	0.003	0.01	ND	ND	ND	ND
Δ9 THC	0.003	0.01	0.138	1.383	1.286	19.286
Δ8 THC	0.003	0.01	ND	ND	ND	ND
CBC	0.003	0.01	0.142	1.421	1.322	19.828
Total THC (THCa * 0.877 + THC)			0.138	1.383	1.286	19.286
Total CBD (CBDa * 0.877 + CBD)			3.647	36.466	33.913	508.702

MET - Heavy Metals Detection

Analyzed Nov 22, 2022 | Instrument ICP-MS

- NR** Not Reported
- ND** Not Detected
- <LOD** Below Lod
- NT** Not Tested
- LOD** Limit of Detection
- LOQ** Limit of Quantification
- DET** Detected below quantitation limit
- CFU/g** Colony Forming Units per 1 gram
- 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
Amber R. Wise
 Amber R. Wise, PhD
 Science Director
 02/17/2023



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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

MYC - Mycotoxins

Analyzed **Nov 23, 2022** | Instrument **LC-MS/MS**

Analyte	LOD ppb	LOQ ppb	Result ppb	Analyte	LOD ppb	LOQ ppb	Result ppb
Total Aflatoxins	3.0		ND	Ochratoxin A	1.9		ND



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#COC/INVOICE: **6305**

Sample ID 221118-002	Matrix Tincture	Lot or Batch # BK-22-116	External Inv ID
Tested for Canvas Therapeutics	Address 9369 8th Ave. S, Suite B Seattle, WA 98108		License
Received 11/18/2022	Reported 11/23/2022		

Analyses executed **PES_R**

PES_R - R&D Pesticide (long list)

Analyzed | 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	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			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			ND	Clothianidin	0.05	0.15	ND
Cyazofamid	0.05	0.15	ND	Cycluron	0.05	0.15	ND
Cyfluthrin(Sum)			ND	Cypermethrin(Sum)			ND
Daminozide			ND	DDVP(Dichlorvos)			ND
Diazinon	0.05	0.2	ND	Dicrctophos	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			ND	Fluazinam	0.075	0.25	ND
Fludioxonil			ND	Flufenacet	0.05	0.2	ND
Fluometuron	0.05	0.2	ND	Flutolanil	0.05	0.2	ND
Flutriafol			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

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Kyle Shelton

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 Lab Manager
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Analyte	LOD ppm	LOQ ppm	Result ppm	Analyte	LOD ppm	LOQ ppm	Result ppm
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			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			ND	Myclobutanil	0.075	0.25	ND
Naled			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			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
Pyrimicarb	0.05	0.15	ND	Prallethrin			ND
Prometon	0.05	0.15	ND	Propamocarb	0.04	0.125	ND
Propargite	0.04	0.125	ND	Propiconazole(Sum)			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



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