CERTIFICATE OF ANALYSIS

Pocono Organics

1015 Long Pond Rd
Long Pond, PA 18334

(570) 972-7700
Lic. #: 42-000608

Sample: 241104TRI002.001

Sample Description: Kirsche; Sample Size: 1 units;
Batch/Lot# : 28202410;
Sample Received: 11/07/2024; Report Created: 11/13/2024;
Sampled By: Client;

300mg Nano Tincture

Ingestible, Tincture

7.076 mg/unit	320.5 mg/unit	341.7 mg/unit
Total THC	Total CBD	Total Cannabinoids
	2.294 mg/unit	
	Total CBG	

Cannabinoids

Complete

Date Analyzed: 11/08/2024

Analyte	LOD	LOQ	Result	Result
	mg/unit	mg/unit	mg/unit	%
THCa	0.5088	1.696	ND	ND
Δ9-THC	0.5088	1.696	7.076	0.01990
Δ8-THC	0.5088	1.696	ND	ND
THCVa	0.5088	1.696	ND	ND
THCV	0.5088	1.696	ND	ND
CBDa	0.5088	1.696	ND	ND
CBD	0.5088	1.696	320.5	0.9017
CBDVa	0.5088	1.696	ND	ND
CBDV	0.5088	1.696	3.739	0.01052
CBN	0.5088	1.696	ND	ND
CBGa	0.5088	1.696	ND	ND
CBG	0.5088	1.696	2.294	0.006453
CBCa	0.9880	3.293	ND	ND
CBC	0.5088	1.696	8.045	0.02263
CBL	0.5088	1.696	ND	ND
Total			**341.7**	**0.9612**

1 Unit = 30 mL Bottle, 35.5485g

Unit Mass/Volume provided by Client and may affect the validity of "mg/unit" results.
SOP.102, AOAC 2018.11 (Modified); UHPLC-PDA. Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; Total CBG = CBGa * 0.878 + CBG. Pass/Fail THC criteria, if listed, is in accordance with 86 FR 5596 issued by the USDA for pre-harvest hemp clearance (total THC - uncertainty ≤ 0.3% THC). Dry weight percent of cannabinoids, if listed, is calculated using the dried weight determined by the moisture content prior to extraction, indicated as follows (SOP.702; Gravimetry).

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6000 Commerce Parkway Suite I
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Kristen Goedde
Lab Manager

Tom Barkley
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Ingestible, Tincture

Mycotoxins

Pass

Date Analyzed: 11/07/2024

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Aflatoxin B1	0.00142	0.00473		ND	Tested
Aflatoxin B2	0.00142	0.00473		ND	Tested
Aflatoxin G1	0.00142	0.00473		ND	Tested
Aflatoxin G2	0.00142	0.00473		ND	Tested
Total Aflatoxins			0.0200	ND	Pass
Ochratoxin A	0.00567	0.0189	0.0200	ND	Pass

SOP.402; LC-MS/MS.

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Ingestible, Tincture

Elemental

Pass

Date Analyzed: 11/11/2024

Heavy Metals

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.00651	0.0482	1.50	ND	Pass
Cadmium	0.000512	0.0241	0.500	ND	Pass
Lead	0.00609	0.0241	1.00	ND	Pass
Mercury	0.00276	0.00722	1.50	ND	Pass
Chromium	0.0259	0.0722		ND	Tested
Nickel	0.0266	0.0722		ND	Tested
Antimony	0.00805	0.0241		ND	Tested
Selenium	0.0126	0.0963		ND	Tested

Nutrients

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Copper	0.103	0.489		ND	Tested
Iron	1.67	5.00		ND	Tested
Manganese	0.0155	0.489		<LOQ	Tested
Zinc	1.67	5.00		<LOQ	Tested

SOP 502; ICPMS.

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Ingestible, Tincture

Pesticides

Pass

Date Analyzed: 11/08/2024

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Abamectin	0.0177	0.0591	0.300	ND	Pass
Acephate	0.0177	0.0591	3.00	ND	Pass
Acequinocyl	0.0177	0.0591	2.00	ND	Pass
Acetamiprid	0.0177	0.0591	3.00	ND	Pass
Aldicarb	0.0177	0.0591	0.100	ND	Pass
Azoxystrobin	0.0177	0.0591	3.00	ND	Pass
Bifenazate	0.0177	0.0591	3.00	ND	Pass
Bifenthrin	0.0177	0.0591	0.500	ND	Pass
Boscalid	0.0177	0.0591	3.00	ND	Pass
Captan	0.142	0.473	3.00	ND	Pass
Carbaryl	0.0177	0.0591	0.500	ND	Pass
Carbofuran	0.0177	0.0591	0.100	ND	Pass
Chlorantraniliprole	0.0177	0.0591	3.00	ND	Pass
Chlordane	0.0177	0.0591	0.100	ND	Pass
Chlorfenapyr	0.0177	0.0591	0.100	ND	Pass
Chlormequat chloride	0.0177	0.0591	3.00	ND	Pass
Chlorpyrifos	0.0177	0.0591	0.100	ND	Pass
Clofentezine	0.0177	0.0591	0.500	ND	Pass
Coumaphos	0.0177	0.0591	0.100	ND	Pass
Cyfluthrin	0.0709	0.236	1.00	ND	Pass
Cypermethrin	0.0355	0.118	1.00	ND	Pass
Daminozide	0.0177	0.0591	0.100	ND	Pass
Diazinon	0.0177	0.0591	0.200	ND	Pass
Dichlorvos	0.0177	0.0591	0.100	ND	Pass
Dimethoate	0.0177	0.0591	0.100	ND	Pass
Dimethomorph	0.0177	0.0591	3.00	ND	Pass
Ethoprophos	0.0177	0.0591	0.100	ND	Pass
Etofenprox	0.0177	0.0591	0.100	ND	Pass
Etoxazole	0.0177	0.0591	1.50	ND	Pass
Fenhexamid	0.0177	0.0591	3.00	ND	Pass
Fenoxycarb	0.0177	0.0591	0.100	ND	Pass
Fenpyroximate	0.0177	0.0591	0.100	ND	Pass
Fipronil	0.0177	0.0591	0.100	ND	Pass
Flonicamid	0.0177	0.0591	2.00	ND	Pass
Fludioxonil	0.0177	0.0591	3.00	ND	Pass
Hexythiazox	0.0177	0.0591	2.00	ND	Pass
Imazalil	0.0177	0.0591	0.100	ND	Pass
Imidacloprid	0.0177	0.0591	3.00	ND	Pass
Kresoxim Methyl	0.0177	0.0591	1.00	ND	Pass
Malathion	0.0177	0.0591	2.00	ND	Pass
Metalaxyl	0.0177	0.0591	3.00	ND	Pass
Methiocarb	0.0177	0.0591	0.100	ND	Pass
Methomyl	0.0177	0.0591	0.100	ND	Pass
Mevinphos	0.0177	0.0591	0.100	ND	Pass
MGK-264	0.0355	0.118		ND	Tested
Myclobutanil	0.0177	0.0591	3.00	ND	Pass
Naled	0.0177	0.0591	0.500	ND	Pass
Oxamyl	0.0177	0.0591	0.500	ND	Pass
Paclobutrazol	0.0177	0.0591	0.100	ND	Pass
Parathion Methyl	0.0177	0.0591	0.100	ND	Pass
Pentachloronitrobenzene	0.0177	0.0591	0.200	ND	Pass
Permethrins	0.0355	0.118	1.00	ND	Pass
Phosmet	0.0177	0.0591	0.200	ND	Pass
Piperonyl Butoxide	0.0177	0.0591	3.00	ND	Pass
Prallethrin	0.0709	0.0591	0.400	ND	Pass
Propiconazole	0.0177	0.0591	1.00	ND	Pass
Propoxur	0.0177	0.0591	0.100	ND	Pass
Pyrethrins	0.0709	0.236	1.00	ND	Pass
Pyridaben	0.0177	0.0591	3.00	ND	Pass
Spinetoram	0.0177	0.0591	3.00	ND	Pass
Spinosad	0.0177	0.0591	3.00	ND	Pass
Spiromesifen	0.0177	0.0591	3.00	ND	Pass
Spirotetramat	0.0177	0.0591	3.00	ND	Pass
Spiroxamine	0.0177	0.0591	0.100	ND	Pass
Tebuconazole	0.0177	0.0591	1.00	ND	Pass
Thiacloprid	0.0177	0.0591	0.100	ND	Pass
Thiamethoxam	0.0177	0.0591	1.00	ND	Pass
Trifloxystrobin	0.0177	0.0591	3.00	ND	Pass

SOP.402; LC-MS/MS & SOP.302; GC-MS

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