

Certificate of Analysis

Company: X-Tract Vermont LLC

Sample ID: Paloma Nano-Shooter

650 Industrial Park Rd. Ste 40

Lot: MANU0008-28-1-2

St. Albans, VT 05478

Matrix: Other

Report Date: 8/23/2023

Date Analyzed: 8/22/2023

Customer ID: 200717-0

Date Sampled: N/A

Analyst: 011

Grower License #: MANU0008

Date Received: 8/17/2023

Report ID: C230817AW

Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	<LOQ	<LOQ
CBGA	0.0008	<LOQ	<LOQ
CBG	0.0019	<LOQ	<LOQ
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	0.015	0.002
Δ9-THC	0.0020	0.127	0.013
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	<LOQ	<LOQ
CBC	0.0024	0.062	0.006
Total THC		0.127	0.013
Total CBD		<LOQ	<LOQ
Total Cannabinoids		0.204	0.020

0.01%
Total THC

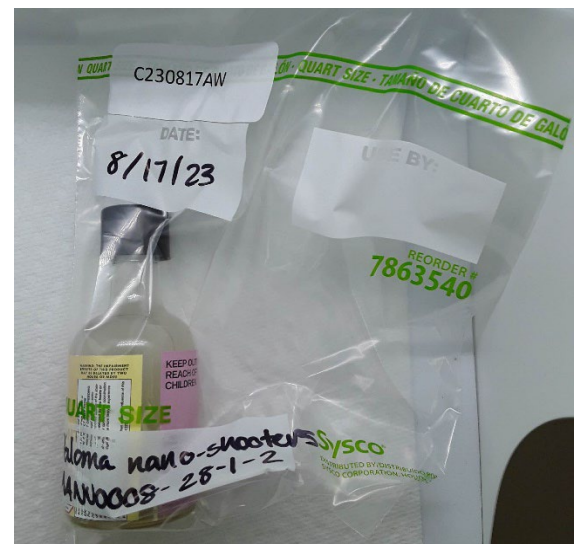
<LOQ
Total CBD

0.02%
Total Cannabinoids

0.01%
Δ9-THC

49.064g
Sample Weight

N/A
THC : CBD Ratio



Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:
 Total THC = (THCA x 0.877) + Δ9-THC Total CBD = (CBDA x 0.877) + CBD
 Ratio of Total CBD: Total THC Reagent Blanks: < LOQs for all analytes

LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement.
 Δ9-THC MU = ±0.005% Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the samples as received.

Certified by: Luke E. M.
 Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

Summary of Results

Paloma Nano-Shooter

Prepared for X-Tract Vermont LLC

MANUFACTURER INFO

X-Tract Vermont LLC

LOT NUMBER

MANU0008-28-1-2

SERVING SIZE

49.064

MATRIX

Other

DATE RECEIVED

8/17/2023

DATE ANALYZED

8/22/2023

REPORT DATE

8/23/2023

ORIGINAL REPORT ID

C230817AW

TOTAL CANNABINOIDS

10.02 mg
per serving

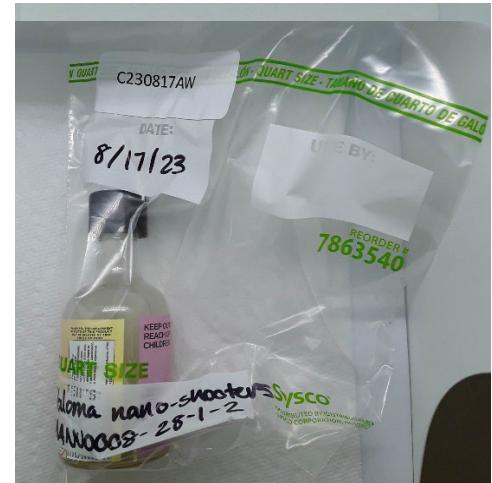
Cannabinoid Profile	Concentration (mg/g)	Weight (%)
CBC	0.06	0.01
CBD	Not Detected	Not Detected
CBDA	Not Detected	Not Detected
CBDV	Not Detected	Not Detected
CBDVA	Not Detected	Not Detected
CBG	Not Detected	Not Detected
CBGA	Not Detected	Not Detected
CBN	0.02	0.00
THC-A	Not Detected	Not Detected
THCV	Not Detected	Not Detected
Δ8-THC	Not Detected	Not Detected
Δ9-THC	0.13	0.01
Total CBD	Not Detected	Not Detected
Total THC	0.13	0.01
Total Cannabinoids	0.20	0.02

TOTAL THC

 6.22 mg
per serving

TOTAL CBD

Not Detected



Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values.

Not Detected = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).

This is not an official Certificate of Analysis

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(802) 540-0148 laboratory@biadiagnostics.com

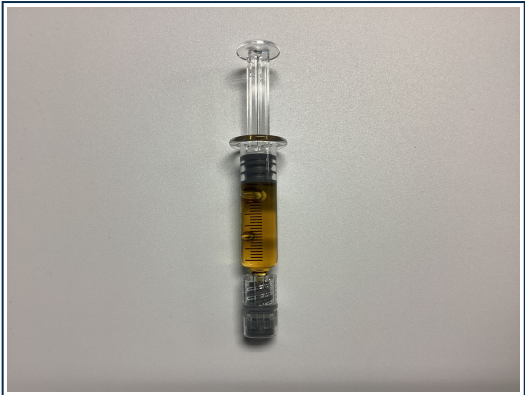


261 Mountain View Dr
 Colchester, VT 05446
 License #: TLAB0030
 802-767-7256
 info@onwardanalytics.biz

Certificate of Analysis

Client Name: X-Tract VT
License Number: MANU-0008

Sample ID: VT1271
Sample Name: KNR
Sample Lot: MANU0008-80
Sample Matrix: Solvent Extraction Concentrates
Date Received: 4/6/2023
Date Reported: 4/13/2023



Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID: #2339

Analyte	Result	Pass/Fail
A. Fumigatus	None Detected	PASS
A. Niger	None Detected	PASS
A. Flavus	None Detected	PASS
A. Terreus	None Detected	PASS
STEC	None Detected	PASS
Salmonella	None Detected	PASS

Holly Heimsath

Holly Heimsath
 QA Manager
 4/13/2023



In performing the services, Onward Analytics, ("OA") shall exercise a degree of skill and care ordinarily exercised by a reasonably prudent laboratory professional under similar circumstances. Except as set forth in the preceding sentence, client acknowledges and agrees that: (a) the services may require OA to make judgements based upon limited data rather than upon scientific certainties; (b) OA's approach, recommendations, and associated cost estimates, if any, are based on industry practices and averages; (c) OA renders its opinions with respect to observations made and data available at the time of testing; (d) ultimate outcomes could be inconsistent with OA's conclusions, results and projections; and (e) there may be additional reports relating to the site (whether prepared by OA or other parties), and reliance upon any OA report without reference to any such other reports is done at client's sole risk.





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Heavy Metals PASS

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-OA) - **Limit units: µg/kg** | Test ID: #2338

Analyte	Pass/Fail	Result (ug/kg)	Limit	LOD (ug/kg)	LOQ (ug/kg)
Arsenic	PASS	< LOQ	1.500	0.00130	0.050
Cadmium	PASS	< LOQ	0.500	0.00002	0.050
Lead	PASS	< LOQ	1.000	0.00095	0.050
Mercury	PASS	< LOQ	1.500	0.00020	0.050

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Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - **Limit units: ppm** | Test ID: #2337

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00156	0.01560
Abamectin B1b	Pass	ND	0.10000	0.00011	0.00110
Acephate	Pass	ND	0.10000	0.00168	0.01680
Acequinocyl	Pass	ND	0.10000	0.00167	0.01670
Azoxystrobin	Pass	ND	0.10000	0.00168	0.01680
Bifenazate	Pass	ND	0.10000	0.00167	0.01670
Bifenthrin	Pass	ND	3.00000	0.00167	0.01670
Carbaryl	Pass	ND	0.50000	0.00167	0.01670
Chlorpyrifos	Pass	ND	0.04000	0.00167	0.01670
Cypermethrin	Pass	ND	1.00000	0.00168	0.01680
Etoxazole	Pass	ND	0.10000	0.00168	0.01680
Imazalil	Pass	ND	0.04000	0.00167	0.01670
Imidacloprid	Pass	ND	5.00000	0.00166	0.01660
Myclobutanil	Pass	< LOQ	0.10000	0.00167	0.01670
Spinosyn A	Pass	ND	0.10000	0.00120	0.01199
Spinosyn D	Pass	ND	0.10000	0.00042	0.00415
Pyrethrins	Pass	ND	0.50000	0.00022	0.00072
				0.00498 *	0.00015 *

* Pyrethrins action limit represents sum of isomers I & II

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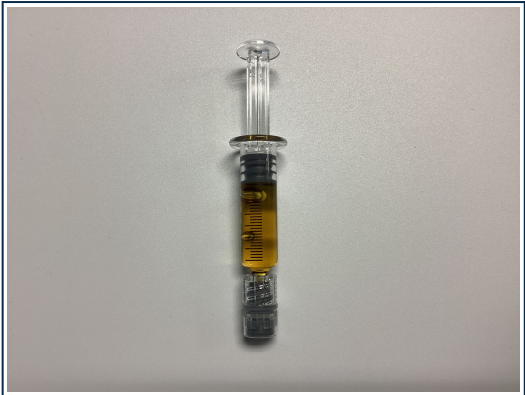


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Residual Solvents Pass

Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (HS-GC-MS; SOP-010-0A) - **Limit units: µg/g** | Test ID: #2336

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Acetone	Pass	< LOQ	5000.000	1.000	4.000
Acetonitrile	Pass	< LOQ	410.000	3.000	12.000
Benzene	Pass	< LOQ	2.000	0.200	0.900
Chloroform	Pass	< LOQ	60.000	3.000	10.000
Ethanol	Pass	< LOQ	5000.000	15.000	50.000
Heptanes (total)	Pass	< LOQ	5000.000	15.000	50.000
Hexanes (total)	Pass	< LOQ	290.000	5.000	16.000
Isopropyl Alcohol	Pass	< LOQ	5000.000	15.000	50.000
Methanol	Pass	< LOQ	3000.000	15.000	50.000
Methylene Chloride	Pass	< LOQ	600.000	7.000	22.000
Toluene	Pass	< LOQ	890.000	12.000	18.000
Xylenes	Pass	< LOQ	2170.000	15.000	50.000

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