

Certificate of Analysis

Company: Theory Wellness of VT
 768 Putney Rd
 Brattleboro, VT 05301

Sample ID: Vape Oil- Distillate- White Runtz
Lot: 0054-DISWHRU1
Matrix: Distillate

Report Date: 10/12/2023
Date Analyzed: 10/6/2023

Customer ID: 230609-0
Grower License #: MANU0054

Date Sampled: N/A
Date Received: 10/2/2023

Analyst: 048
Report ID: C231002BC

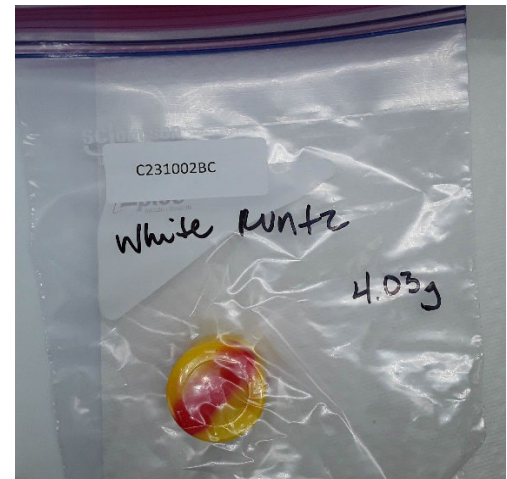
Terpenes Summary

Terpene	LOQ (mg/g)	Results (mg/g)	Weight (%)
α - Pinene	0.010	3.658	0.366
Camphene	0.010	0.494	0.049
β -Myrcene	0.010	6.762	0.676
b-Pinene	0.010	4.713	0.471
3-Carene	0.010	0.049	0.005
α -Terpinene	0.010	0.099	0.010
Limonene	0.010	3.375	0.338
p-Cymene	0.010	<LOQ	<LOQ
Ocimene	0.010	<LOQ	<LOQ
Eucalyptol	0.010	0.477	0.048
γ -Terpinene	0.010	0.143	0.014
Terpinolene	0.010	1.000	0.100
Linalool	0.010	4.694	0.469
Isopulegol	0.010	<LOQ	<LOQ
Geraniol	0.010	0.073	0.007
Caryophyllene	0.010	4.090	0.409
α -Humulene	0.010	1.798	0.180
Trans-Nerolidol	0.010	<LOQ	<LOQ
Cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	0.059	0.006
Caryophyllene Oxide	0.010	0.044	0.004
α -Bisabolol	0.010	0.055	0.006
Total Terpenes		31.583	3.158

N/A
Percent Moisture

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

Terpene Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS



Reagent Blanks: < LOQs for all analytes

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

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

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Certified by:

Luke E.M.

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

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 768 Putney Rd
 Brattleboro, VT 05301

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Lot: 0054-DISWHRU1

Report Date: 10/12/2023

Date Analyzed: 10/12/2023

Customer ID: 230609-0

Matrix: Distillate

Analyst: 049

Grower License #: MANU0054

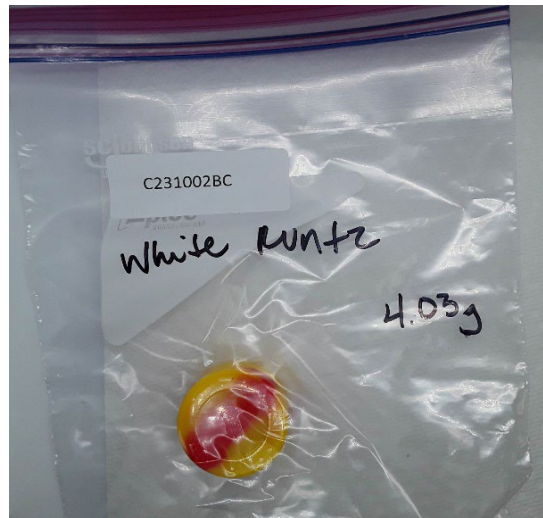
Date Sampled: N/A

Date Received: 10/2/2023

Report ID: C231002BC

Pathogen Summary

Target Pathogens	Method	LOD (cfu/g)	Result (cfu/g)
Aspergillus - flavus, fumigatus, niger, terreus	Aspergillus AOAC PTM No. 032104	5	<LOD
STEC	STEC Virx AOAC PTM No. 121203	5	<LOD
Salmonella spp.	Salmonella II AOAC PTM No. 010803	5	<LOD



Test Methodology: Bio-Rad IQ-Check PCR Kits

cfu/g = colony forming units per gram

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

Reagent Blanks: <LOD for all analytes

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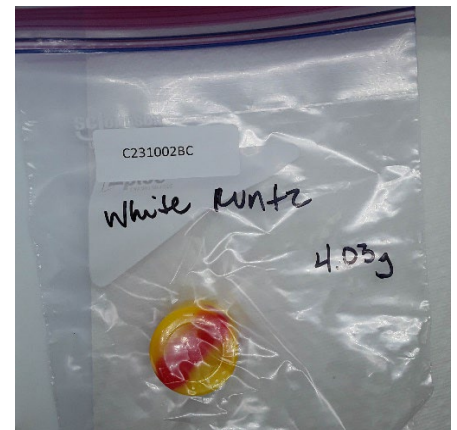
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Certificate of Analysis

Company: Theory Wellness of VT 768 Putney Rd Brattleboro, VT 05301 Customer ID: 230609-0 Grower License #: MANU0054	Sample ID: Vape Oil- Distillate- White Runtz Lot: 0054-DISWHRU1 Matrix: Distillate Date Sampled: N/A Date Received: 10/2/2023	Report Date: 10/11/2023 Date Analyzed: 10/11/2023 Analyst: 048 Report ID: C231002BC
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Heavy Metal Summary

Heavy Metal Profile	LOQ (ppm)	Concentration (ppm)
Arsenic (As)	0.0001	<LOQ
Cadmium (Cd)	0.0001	<LOQ
Mercury (Hg)	0.0001	<LOQ
Lead (Pb)	0.0001	0.0100



N/A
Percent Moisture

Heavy Metal Methodology: ICP-MS using PerkinElmer NexION® 2000 ICP Mass Spectrometer

Reagent Blanks: < LOQs for all analytes

ppm = parts per million

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Sample ID: Vape Oil- Distillate- White Runtz

Lot: 0054-DISWHRU1

Report Date: 10/11/2023

Matrix: Distillate

Date Analyzed: 10/5/2023

Customer ID: 230609-0

Date Sampled: N/A

Analyst: 048

Grower License #: MANU0054

Date Received: 10/2/2023

Report ID: C231002BC

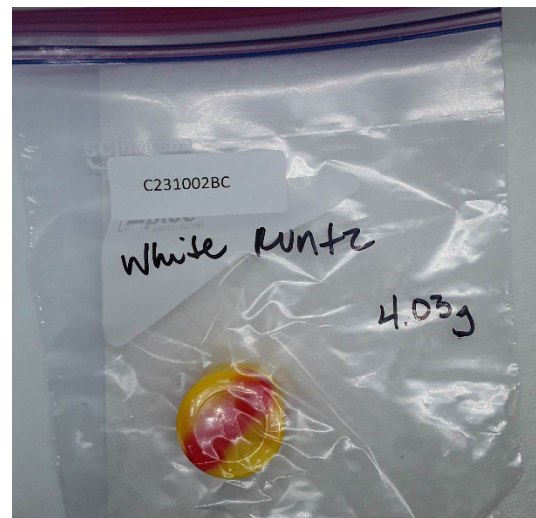
Residual Solvents Summary

Residual Solvent	LOQ (µg/g)	Results (µg/g)
Benzene	0.20	<LOQ
Chloroform	6.00	<LOQ
Methylene Chloride	60.00	<LOQ
Trichloroethylene	500.00	<LOQ
Acetone	500.00	<LOQ
Acetonitrile	40.00	<LOQ
Propane	500.00	<LOQ
Butane	500.00	<LOQ
Ethanol	500.00	<LOQ
Ethyl acetate	500.00	<LOQ
Ethyl Ether	500.00	<LOQ
Heptane	500.00	<LOQ
Hexane	30.00	<LOQ
Isopropyl Alcohol	500.00	<LOQ
Methanol	300.00	<LOQ
Pentane	500.00	<LOQ
Toluene	90.00	<LOQ
Total Xylenes	200.00	<LOQ

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

Residual Solvent Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS

Reagent Blanks: < LOQs for all analytes



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