



TRU Infusion/Natures Wonder
 2939 N 31st Ave
 Phoenix, AZ 85017
 License #: 00000060DCIS00424661
 Sample ID: 2401SMAZ0039.0131
 Batch #: 228NW1223



CERTIFICATE OF ANALYSIS
 License #: 00000020LCVT89602592

Certificate: 3385

Distillate 228NW1223

Batch #: 228NW1223
 Strain: Raw
 Parent Batch #:
 Production Method: Alcohol
 Harvest Date: 11/22/2023
 Received: 01/10/2024

Sample ID: 2401SMAZ0039.0131
 Amount Received: 9.6 g
 Sample Type: Distillate
 Sample Collected: 01/10/2024 10:02:00
 Manufacture Date: 01/09/2023
 Published: 01/12/2024



COMPLIANCE FOR RETAIL

Regulated Analytes

Cannabinoid Profile (Q3) Tested	Microbial Contaminants Pass	Residual Solvents Pass
Pesticides, Fungicides, and Growth Regulators Pass	Mycotoxins Pass	Heavy Metals Pass

Additional Analytes (Not Regulated)

Terpenes Total (Q3) Tested	Moisture Analysis (Q3) Not Tested	Water Activity (Q3) Not Tested
Filth & Foreign (Q3) Not Tested	Homogeneity (Q3) Not Tested	Additional Microbial Contaminants (Q3) Not Tested

95.839% Total THC
0.220% Total CBD
0.298% CBN
2.194% CBG
99.388% Total Cannabinoids (Q3)

Ahmed Munshi
 Technical Laboratory Director

Smithers CTS Arizona LLC
 734 W Highland Avenue, 2nd Floor
 Phoenix, AZ 85013
 (602) 806-6930



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Cannabinoid Profile

HPLC

Tested

Sample Prep

Batch Date: 01/10/2024
 SOP: 418.AZ
 Batch Number: 700

Sample Analysis

Date: 01/11/2024
 SOP: 417.AZ - HPLC
 Sample Weight: 0.040 g
 Volume: 40 mL

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	Qualifier
CBC	0.644	1.954	2	0.354	3.538	
CBD	0.644	1.954	2	0.220	2.200	
CBDA	0.644	1.954	2	ND	ND	
CBDV	0.644	1.954	2	ND	ND	
CBG	0.644	1.954	2	2.194	21.944	
CBGA	0.644	1.954	2	ND	ND	
CBN	0.644	1.954	2	0.298	2.978	
d8-THC	0.644	1.954	2	ND	ND	
d9-THC	0.644	1.954	2	95.839	958.392	
THCA	0.644	1.954	2	ND	ND	
THCV	0.644	1.954	2	0.483	4.832	

Cannabinoid Totals	Actual % (w/w)	mg/g	Qualifier
Total THC	95.839	958.392	
Total CBD	0.220	2.200	
Total Cannabinoids	99.388	993.884	Q3

Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA)
 ND = Not Detected, NT = Not Tested, <LOQ = Below Limit of Quantitation

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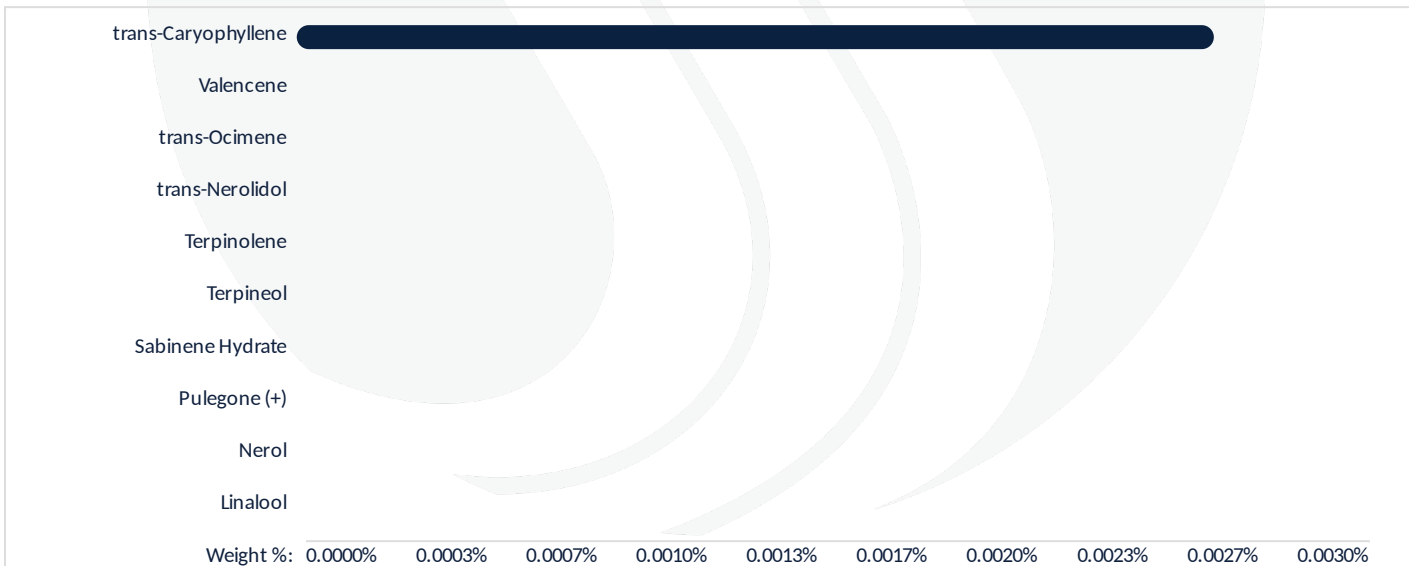
Certificate: 3385

Terpene Total
 GC-FID Tested (<LOQ)

Sample Prep
 Batch Date: 01/10/2024
 SOP: 419
 Batch Number: 704

Sample Analysis
 Date: 01/12/2024
 SOP: 419 - GC-FID
 Sample Weight: 0.425 g
 Volume: 10 mL

Analyte	LOD / LOQ (%)	Dil.	Results (%)	Qualifier	Analyte	LOD / LOQ (%)	Dil.	Results (%)	Qualifier
alpha-Bisabolol	0.0009 / 0.0028	1	ND	Q3	gamma-Terpinene	0.0009 / 0.0028	1	ND	Q3
alpha-Cedrene	0.0009 / 0.0028	1	ND	Q3	Geraniol	0.0009 / 0.0028	1	ND	Q3
alpha-Humulene	0.0009 / 0.0028	1	ND	Q3	Geranyl acetate	0.0009 / 0.0028	1	ND	Q3
alpha-Phellandrene	0.0009 / 0.0028	1	ND	Q3	Guaiol	0.0009 / 0.0028	1	ND	Q3
alpha-Pinene	0.0009 / 0.0028	1	ND	Q3	Hexahydrothymol	0.0009 / 0.0028	1	ND	Q3
alpha-Terpinene	0.0009 / 0.0028	1	ND	Q3	Isoborneol	0.0009 / 0.0028	1	ND	Q3
beta-Myrcene	0.0009 / 0.0028	1	ND	Q3	Isopulegol	0.0009 / 0.0028	1	ND	Q3
beta-Pinene	0.0009 / 0.0028	1	ND	Q3	Limonene	0.0009 / 0.0028	1	ND	Q3
Borneol	0.0009 / 0.0028	1	ND	Q3	Linalool	0.0009 / 0.0028	1	ND	Q3
Camphene	0.0009 / 0.0028	1	ND	Q3	Nerol	0.0009 / 0.0028	1	ND	Q3
Camphor	0.0009 / 0.0028	1	ND	Q3	Pulegone (+)	0.0009 / 0.0028	1	ND	Q3
3-Carene	0.0009 / 0.0028	1	ND	Q3	Sabinene Hydrate	0.0009 / 0.0028	1	ND	Q3
Caryophyllene oxide	0.0009 / 0.0028	1	ND	Q3	Terpineol	0.0009 / 0.0028	1	ND	Q3
Cedrol	0.0009 / 0.0028	1	ND	Q3	Terpinolene	0.0009 / 0.0028	1	ND	Q3
cis-Nerolidol	0.0009 / 0.0028	1	ND	Q3	trans-Caryophyllene	0.0009 / 0.0028	1	<LOQ	Q3
cis-Ocimene	0.0009 / 0.0028	1	ND	Q3	trans-Nerolidol	0.0009 / 0.0028	1	ND	Q3
Fenchyl alcohol	0.0009 / 0.0028	1	ND	Q3	trans-Ocimene	0.0009 / 0.0028	1	ND	Q3
Eucalyptol	0.0009 / 0.0028	1	ND	Q3	Valencene	0.0009 / 0.0028	1	ND	Q3
Fenchone	0.0009 / 0.0028	1	ND	Q3					



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Microbial Analysis
Pass

Sample Prep

Batch Date: 01/11/2024
 SOP: 431.AZ
 Batch Number: 708

Sample Analysis

Date: 01/12/2024
 SOP: 431.AZ - TEMPO (MPN)
 Sample Weight: 1.031 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
E. coli	< 100 CFU/g	< 10 CFU/g	Pass	

Sample Prep

Batch Date: 01/11/2024
 SOP: 406.AZ
 Batch Number: 707

Sample Analysis

Date: 01/12/2024
 SOP: 406.AZ - qPCR (MG)
 Sample Weight: 1.005 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
Salmonella	Not Detected in One Gram	Not Detected in One Gram	Pass	

Sample Prep

Batch Date: 01/11/2024
 SOP: 406.AZ
 Batch Number: 707

Sample Analysis

Date: 01/12/2024
 SOP: 406.AZ - qPCR (MG)
 Sample Weight: 1.005 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
Aspergillus flavus	Not Detected in One Gram	Not Detected in One Gram	Pass	
Aspergillus fumigatus	Not Detected in One Gram	Not Detected in One Gram	Pass	
Aspergillus niger	Not Detected in One Gram	Not Detected in One Gram	Pass	
Aspergillus terreus	Not Detected in One Gram	Not Detected in One Gram	Pass	

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Residual Solvents

HS-GC-MS **Pass**

Sample Prep

Batch Date: 01/10/2024
 SOP: 405.AZ
 Batch Number: 691

Sample Analysis

Date: 01/11/2024
 SOP: 405.AZ - HS-GC-MS
 Sample Weight: 0.054 g

Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Acetone	61 / 185	1	1000	ND		Heptane	309 / 926	1	5000	ND	
Acetonitrile	26 / 76	1	410	ND		Hexanes	44 / 134	1	290	ND	
Benzene	0.13 / 0.37	1	2	ND		Isopropyl acetate	309 / 926	1	5000	ND	
Butanes	154 / 463	1	5000	ND		Methanol	185 / 556	1	3000	ND	
Chloroform	4 / 11	1	60	ND		Pentanes	309 / 926	1	5000	ND	
Dichloromethane	37 / 111	1	600	ND		2-Propanol (IPA)	309 / 926	1	5000	ND	
Ethanol	309 / 926	1	5000	ND		Toluene	56 / 165	1	890	ND	
Ethyl acetate	309 / 926	1	5000	ND		Xylenes	269 / 804	1	2170	ND	
Ethyl ether	309 / 926	1	5000	ND							

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Heavy Metals

ICP-MS **Pass**

Sample Prep
 Batch Date: 01/12/2024
 SOP: 428.AZ
 Batch Number: 715

Sample Analysis
 Date: 01/12/2024
 SOP: 428.AZ - ICP-MS
 Sample Weight: 0.232 g
 Volume: 6 mL

Analyte	LOD (ppm)	LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Arsenic	0.020	0.198	10	0.4	ND	
Cadmium	0.020	0.198	10	0.4	ND	
Lead	0.020	0.495	10	1	ND	
Mercury	0.020	0.099	10	0.2	ND	

Mycotoxin Analysis

LC-MS/MS **Pass**

Sample Prep
 Batch Date: 01/10/2024
 SOP: 432.AZ
 Batch Number: 692

Sample Analysis
 Date: 01/12/2024
 SOP: 424.AZ - LC-MS/MS
 Sample Weight: 0.565 g
 Volume: 12.5 mL

Analyte	LOD (ppb)	LOQ (ppb)	Dil.	Action Limit (ppb)	Results (ppb)	Qualifier
Total Aflatoxins	3.54	8.85	1	20	ND	M2
Aflatoxin B1	3.54	8.83	1		ND	
Aflatoxin B2	3.54	8.83	1		ND	I1, M2
Aflatoxin G1	3.54	8.83	1		ND	
Aflatoxin G2	3.54	4.42	1		ND	
Ochratoxin A	8.85	8.83	1	20	ND	I1, L1 M1 V1

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**Pesticides, Fungicides, and
 Growth Regulators**
 LC-MS/MS **Pass**

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 SOP: 432.AZ
 Batch Number: 692

Sample Analysis

Date: 01/12/2024
 SOP: 424.AZ - LC-MS/MS
 Sample Weight: 0.565 g
 Volume: 12.5 mL

Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Abamectin B1a	0.073 / 0.221	1	0.5	ND		Hexythiazox	0.148 / 0.442	1	1	ND	M2
Acephate	0.059 / 0.177	1	0.4	ND		Imazalil	0.029 / 0.088	1	0.2	ND	M2
Acetamiprid	0.029 / 0.088	1	0.2	ND		Imidacloprid	0.059 / 0.177	1	0.4	ND	
Aldicarb	0.059 / 0.177	1	0.4	ND		Kresoxim-methyl	0.059 / 0.177	1	0.4	ND	
Azoxystrobin	0.029 / 0.088	1	0.2	ND		Malathion	0.029 / 0.088	1	0.2	ND	
Bifenazate	0.029 / 0.088	1	0.2	ND		Metaxalyl	0.029 / 0.088	1	0.2	ND	
Bifenthrin	0.029 / 0.088	1	0.2	ND	M2	Methiocarb	0.029 / 0.088	1	0.2	ND	
Boscalid	0.059 / 0.177	1	0.4	ND		Methomyl	0.059 / 0.177	1	0.4	ND	
Carbaryl	0.029 / 0.088	1	0.2	ND		Myclobutanil	0.029 / 0.088	1	0.2	ND	
Carbofuran	0.029 / 0.088	1	0.2	ND		Naled	0.073 / 0.221	1	0.5	ND	
Chlorantraniliprole	0.029 / 0.088	1	0.2	ND		Oxamyl	0.148 / 0.442	1	1	ND	
Chlorfenapyr	0.148 / 0.442	1	1	ND	I1, M2	Pacllobutrazol	0.059 / 0.177	1	0.4	ND	
Chlorpyrifos	0.029 / 0.088	1	0.2	ND		Permethrins	0.029 / 0.088	1	0.2	ND	M2
Clofentezine	0.029 / 0.088	1	0.2	ND		Phosmet	0.029 / 0.088	1	0.2	ND	
Cyfluthrin	0.148 / 0.442	1	1	ND		Piperonyl Butoxide	0.295 / 0.885	1	2	ND	
Cypermethrin	0.148 / 0.442	1	1	ND	M2	Prallethrin	0.029 / 0.088	1	0.2	ND	
Daminozide	0.148 / 0.442	1	1	ND		Propiconazole	0.059 / 0.177	1	0.4	ND	
Diazinon	0.029 / 0.088	1	0.2	ND		Propoxur	0.029 / 0.088	1	0.2	ND	
Dichlorvos	0.015 / 0.044	1	0.1	ND		Pyrethrins	0.124 / 0.371	1	1	ND	
Dimethoate	0.029 / 0.088	1	0.2	ND		Pyridaben	0.029 / 0.088	1	0.2	ND	
Ethoprophos	0.029 / 0.088	1	0.2	ND		Spinosad	0.029 / 0.088	1	0.2	ND	M2
Etofenprox	0.059 / 0.177	1	0.4	ND		Spiromesifen	0.029 / 0.088	1	0.2	ND	
Etoxazole	0.029 / 0.088	1	0.2	ND		Spirotetramat	0.029 / 0.088	1	0.2	ND	
Fenoxycarb	0.029 / 0.088	1	0.2	ND		Spiroxamine	0.059 / 0.177	1	0.4	ND	M2
Fenpyroximate	0.059 / 0.177	1	0.4	ND		Tebuconazole	0.059 / 0.177	1	0.4	ND	
Fipronil	0.059 / 0.177	1	0.4	ND	I1	Thiacloprid	0.029 / 0.088	1	0.2	ND	
Fonicamid	0.148 / 0.442	1	1	ND		Thiamethoxam	0.029 / 0.088	1	0.2	ND	
Fludioxonil	0.059 / 0.177	1	0.4	ND		Trifloxystrobin	0.029 / 0.088	1	0.2	ND	

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Qualifier Legend

- B1** The target analyte detected in the calibration is at or above the limit of quantitation, but the sample result for potency testing, is below the limit of quantitation.
- B2** The target analyte detected in the calibration blank, or the method blank is at or above the limit of quantitation, but the sample result when testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, is below the maximum allowable concentration for the analyte.
- D1** The limit of quantitation and the sample results were adjusted to reflect sample dilution.
- I1** The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance with respect to the reference spectra, indicating interference.
- L1** When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits, but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample.
- M1** The recovery from the matrix spike was high, but the recovery from the laboratory control sample was within acceptance criteria.
- M2** The recovery from the matrix spike was low, but the recovery from the laboratory control sample was within acceptance criteria.
- M3** The recovery from the matrix spike was unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample was within acceptance criteria.
- M4** The analysis of a spiked sample required a dilution such that the spike recovery calculation does not provide useful information, but the recovery from the associated laboratory control sample was within acceptance criteria.
- M5** The analyte concentration was determined by the method of standard addition, in which the standard is added directly to the aliquots of the analyzed sample.
- M6** A description of the variance is described in the final report of testing according to R9-17- 404.06(B)(3)(d)(ii).
- Q1** Sample integrity was not maintained.
- Q2** The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices.
- Q3** Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317.
- R1** The relative percent difference for the laboratory control sample and duplicate exceeded the limit, but the recovery was within acceptance criteria.
- R2** The relative percent difference for a sample and duplicate exceeded the limit.
- V1** The recovery from continuing calibration verification standards exceeded the acceptance limits, but the sample's target analytes were not detected above the maximum allowable for the analytes in the sample.

Cultivated By:

Manufactured By:

Disclaimer: Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

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Notes: Source Batch: The Desert Valley Pharmacy Inc 00000060DCIS00424661; Nature's Wonder Inc 000000035DCCB00049778



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Accreditation #: 103104

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