



Northwest Confections Arizona
 845 E Ohio St
 Tucson, AZ 85714
 License #: 00000116DCJL00597353
 Sample ID: 2401SMAZ0019.0060
 Batch #: AZ MED EB B101 1



CERTIFICATE OF ANALYSIS
 License #: 00000020LCVT89602592

Certificate: 3341

WYLD MED Elderberry 1000mg THC : 200mg CBN

Batch #: AZ MED EB B101 1
 Strain: Indica
 Parent Batch #: 212NW1023
 Production Method: Coconut Oil
 Harvest Date: 09/08/2023
 Received: 01/05/2024

Sample ID: 2401SMAZ0019.0060
 Amount Received: 100 g
 Sample Type: Soft Chew
 Sample Collected: 01/05/2024 11:30:00
 Manufacture Date: 01/03/2024
 Published: 01/09/2024



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) Not Tested	Molsture Analysis (Q3) Not Tested	Water Activity (Q3) Not Tested
Filth & Foreign (Q3) Not Tested	Homogeneity (Q3) Not Tested	Additional Microbial Contaminants (Q3) Not Tested

1.105% Total THC
0.003% Total CBD
0.225% CBN
0.029% CBG
1.377% Total Cannabinoids (Q3)

Ahmed Munshi
 Technical Laboratory Director

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



The product associated with this COA has been tested by Smithers CTS Arizona LLC, using validated state certified testing methodologies as required by Arizona state law. Testing results were obtained according to Smithers' quality assurance plan and requirements found in R9-17-404.03 and R9-17-404.04. This COA is governed by the terms and conditions listed on: <https://www.smithers.com/arizona-terms-conditions>



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Cannabinoid Profile

HPLC

Tested

Sample Prep

Batch Date: 01/05/2024
 SOP: 418.AZ
 Batch Number: 673

Sample Analysis

Date: 01/08/2024
 SOP: 417.AZ - HPLC
 Sample Weight: 1.014 g
 Volume: 10 mL

Analyte	LOD (mg/g)	LOQ (mg/g)	DIL.	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
CBC	0.006	0.019	2	0.008	0.078	0.390	7.800	
CBD	0.006	0.019	2	0.003	0.028	0.140	2.800	
CBDA	0.006	0.019	2	ND	ND	ND	ND	
CBDV	0.006	0.019	2	ND	ND	ND	ND	
CBG	0.006	0.019	2	0.029	0.293	1.465	29.300	
CBGA	0.006	0.019	2	ND	ND	ND	ND	
CBN	0.006	0.019	2	0.225	2.252	11.260	225.200	
d8-THC	0.006	0.019	2	ND	ND	ND	ND	
d9-THC	0.006	0.019	2	1.105	11.048	55.240	1104.800	
THCA	0.006	0.019	2	<LOQ	<LOQ	<LOQ	<LOQ	
THCV	0.006	0.019	2	0.007	0.067	0.335	6.700	

Cannabinoid Totals	Actual % (w/w)	mg/g	mg/serving	mg/package	Qualifier
Total THC	1.105	11.048	55.240	1104.800	
Total CBD	0.003	0.028	0.140	2.800	
Total Cannabinoids	1.377	13.767	68.835	1376.700	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
 Serving Weight: 3 None; Servings/Package: 20

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Microbial Analysis
 Pass

Sample Prep

Batch Date: 01/07/2024
 SOP: 431.AZ
 Batch Number: 675

Sample Analysis

Date: 01/08/2024
 SOP: 431.AZ - TEMPO (MPN)
 Sample Weight: 1.093 g

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

Sample Prep

Batch Date: 01/07/2024
 SOP: 406.AZ
 Batch Number: 676

Sample Analysis

Date: 01/08/2024
 SOP: 406.AZ - qPCR (MG)
 Sample Weight: 1.018 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
Salmonella	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: 01/05/2024
 SOP: 405.AZ
 Batch Number: 669

Sample Analysis

Date: 01/08/2024
 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: 01/08/2024
 SOP: 428.AZ
 Batch Number: 682

Sample Analysis
 Date: 01/08/2024
 SOP: 428.AZ - ICP-MS
 Sample Weight: 0.223 g
 Volume: 6 mL

Analyte	LOD (ppm)	LOQ (ppm)	DIL.	Action Limit (ppm)	Results (ppm)	Qualifier
Arsenic	0.018	0.179	10	0.4	ND	
Cadmium	0.018	0.179	10	0.4	ND	
Lead	0.018	0.449	10	1	ND	
Mercury	0.018	0.090	10	0.2	ND	

Mycotoxin Analysis

LC-MS/MS **Pass**

Sample Prep
 Batch Date: 01/07/2024
 SOP: 432.AZ
 Batch Number: 677

Sample Analysis
 Date: 01/09/2024
 SOP: 424.AZ - LC-MS/MS
 Sample Weight: 0.543 g
 Volume: 12.5 mL

Analyte	LOD (ppb)	LOQ (ppb)	DIL.	Action Limit (ppb)	Results (ppb)	Qualifier
Total Aflatoxins	3.68	9.21	1	20	ND	M2R1
Aflatoxin B1	3.68	9.49	1		ND	R1
Aflatoxin B2	3.68	9.49	1		ND	R1
Aflatoxin G1	3.68	9.49	1		ND	
Aflatoxin G2	3.68	4.74	1		ND	M2
Ochratoxin A	9.21	9.49	1	20	ND	I1

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

Sample Prep

Batch Date: 01/07/2024
 SOP: 432.AZ
 Batch Number: 677

Sample Analysis

Date: 01/09/2024
 SOP: 424.AZ - LC-MS/MS
 Sample Weight: 0.543 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	0.076 / 0.230	1	0.5	ND		Hexythiazox	0.154 / 0.460	1	1	ND	
Acephate	0.062 / 0.184	1	0.4	ND		Imazail	0.030 / 0.092	1	0.2	ND	M2
Acetamiprid	0.030 / 0.092	1	0.2	ND		Imidacloprid	0.062 / 0.184	1	0.4	ND	
Aldicarb	0.062 / 0.184	1	0.4	ND		Kresoxim-methyl	0.062 / 0.184	1	0.4	ND	
Axoxystrobin	0.030 / 0.092	1	0.2	ND		Malathion	0.030 / 0.092	1	0.2	ND	
Bifenazate	0.030 / 0.092	1	0.2	ND		Metazalyl	0.030 / 0.092	1	0.2	ND	
Bifenthrin	0.030 / 0.092	1	0.2	ND		Methiocarb	0.030 / 0.092	1	0.2	ND	
Boscalid	0.062 / 0.184	1	0.4	ND		Methomyl	0.062 / 0.184	1	0.4	ND	
Carbaryl	0.030 / 0.092	1	0.2	ND		Myclobutanil	0.030 / 0.092	1	0.2	ND	
Carbofuran	0.030 / 0.092	1	0.2	ND		Naled	0.076 / 0.230	1	0.5	ND	
Chlorantraniliprole	0.030 / 0.092	1	0.2	ND		Oxamyl	0.154 / 0.460	1	1	ND	
Chlorfenapyr	0.154 / 0.460	1	1	ND		Paclotrualol	0.062 / 0.184	1	0.4	ND	
Chlorpyrifos	0.030 / 0.092	1	0.2	ND		Permethrins	0.030 / 0.092	1	0.2	ND	
Clofentezine	0.030 / 0.092	1	0.2	ND		Phosmet	0.030 / 0.092	1	0.2	ND	
Cyfluthrin	0.154 / 0.460	1	1	ND		Piperonyl Butoxide	0.307 / 0.921	1	2	ND	
Cypermethrin	0.154 / 0.460	1	1	ND		Prallethrin	0.030 / 0.092	1	0.2	ND	
Daminozide	0.154 / 0.460	1	1	ND		Propiconazole	0.062 / 0.184	1	0.4	ND	
Diazinon	0.030 / 0.092	1	0.2	ND		Propoxur	0.030 / 0.092	1	0.2	ND	
Dichlorvos	0.016 / 0.046	1	0.1	ND		Pyrethrins	0.129 / 0.386	1	1	ND	
Dimethoate	0.030 / 0.092	1	0.2	ND		Pyridaben	0.030 / 0.092	1	0.2	ND	
Ethoprophos	0.030 / 0.092	1	0.2	ND		Spinosad	0.030 / 0.092	1	0.2	ND	
Etofenprox	0.062 / 0.184	1	0.4	ND		Spiromesifen	0.030 / 0.092	1	0.2	ND	
Etoazole	0.030 / 0.092	1	0.2	ND		Spirotetramat	0.030 / 0.092	1	0.2	ND	
Fenoxycarb	0.030 / 0.092	1	0.2	ND		Spiroxamine	0.062 / 0.184	1	0.4	ND	
Fenpyroximate	0.062 / 0.184	1	0.4	ND		Tebuconazole	0.062 / 0.184	1	0.4	ND	
Fipronil	0.062 / 0.184	1	0.4	ND		Thiacloprid	0.030 / 0.092	1	0.2	ND	
Fonicamid	0.154 / 0.460	1	1	ND		Thiamethoxam	0.030 / 0.092	1	0.2	ND	
Fludioxonil	0.062 / 0.184	1	0.4	ND		Trifloxystrobin	0.030 / 0.092	1	0.2	ND	

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Certificate: 3341

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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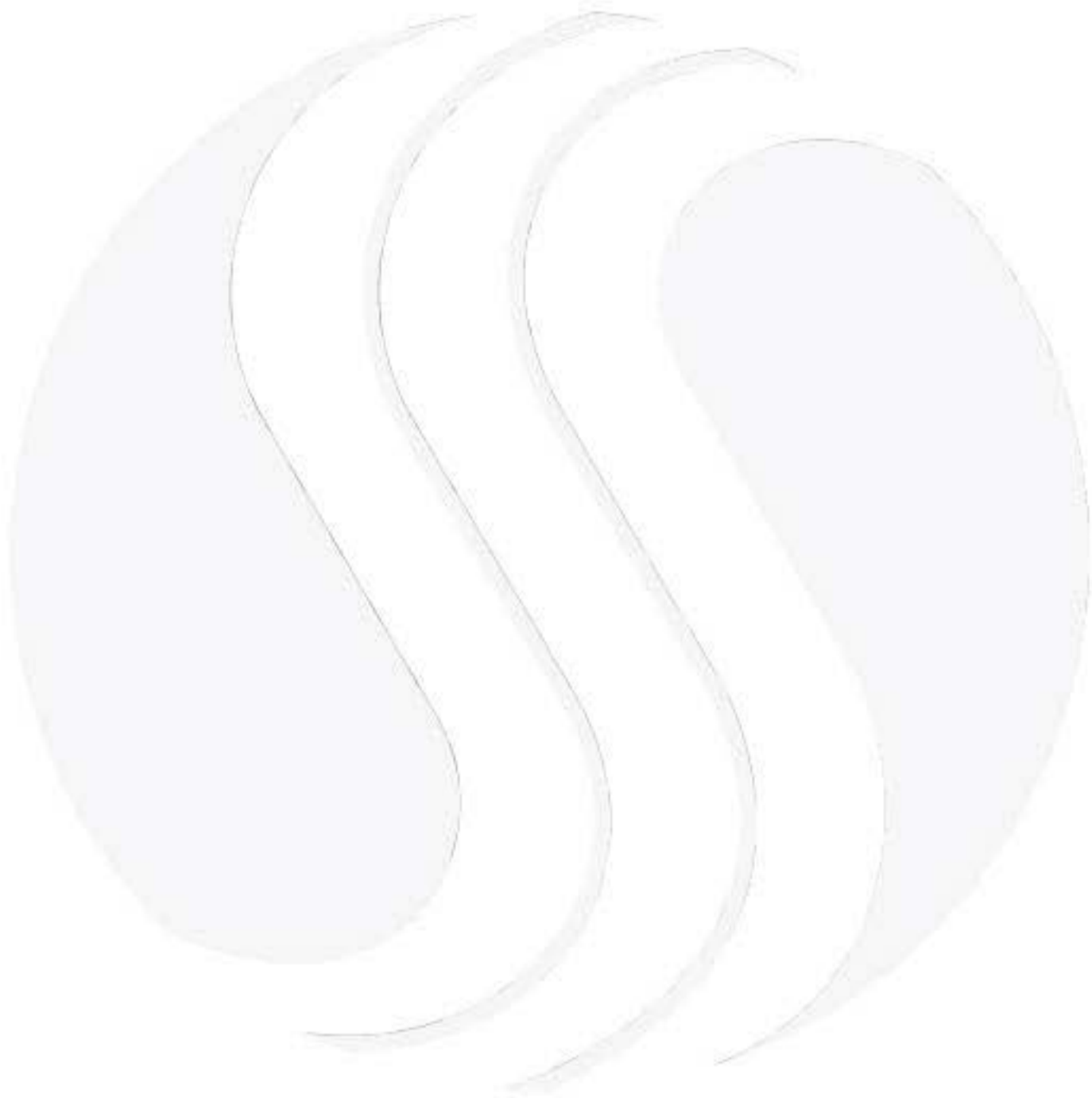
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Notes: Raw Extract Processor & License: The Desert Valley Pharmacy Inc, 00000089ESLW87335751



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TRU Infusion/Natures Wonder
 AZ
 85022
 License #: 00000010ESIR42914838
 Sample ID: 2310SMAZ0093.0198
 Batch #: 212NW1023



CERTIFICATE OF ANALYSIS
 License #: 00000020LCVT89602592

Certificate: 290

Distillate 212NW1023

Batch #: 212NW1023 Sample ID: 2310SMAZ0093.0198
 Strain: Raw Amount Received: 9.0 g
 Parent Batch #: Sample Type: Distillate
 Sample Collected: 10/03/2023 12:58:00 Received: 10/09/2023
 Published: 10/09/2023



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	

91.755% Total THC
0.236% Total CBD
0.645% CBN
2.205% CBG
96.576% Total Cannabinoids (Q3)

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 Batch #: 212NW1023



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 License #: 00000020LCVT89602592

Certificate: 290

Cannabinoid Profile

HPLC

Tested

Sample Prep

Batch Date: 10/06/2023
 SOP: 418.AZ
 Batch Number: 96

Sample Analysis

Date: 10/09/2023
 SOP: 417.AZ - HPLC
 Sample Weight: 0.041 g
 Volume: 40 mL

Analyte	LOD (mg/g)	LOQ (mg/g)	DIL.	Actual % (w/w)	mg/g	Qualifier
CBC	0.628	1.906	2	0.959	9.586	
CBD	0.628	1.906	2	0.236	2.357	
CBDA	0.628	1.906	2	ND	ND	
CBDV	0.628	1.906	2	ND	ND	
CBG	0.628	1.906	2	2.205	22.053	
CBGA	0.628	1.906	2	ND	ND	
CBN	0.628	1.906	2	0.645	6.447	
d8-THC	0.628	1.906	2	ND	ND	
d9-THC	0.628	1.906	2	91.755	917.551	
THCA	0.628	1.906	2	ND	ND	
THCV	0.628	1.906	2	0.777	7.770	

Cannabinoid Totals	Actual % (w/w)	mg/g	Qualifier
Total THC	91.755	917.551	
Total CBD	0.236	2.357	
Total Cannabinoids	96.576	965.764	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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 License #: 00000020LCVT89602592

Certificate: 290

Terpene Total

GC-FID Tested (0.1486%)

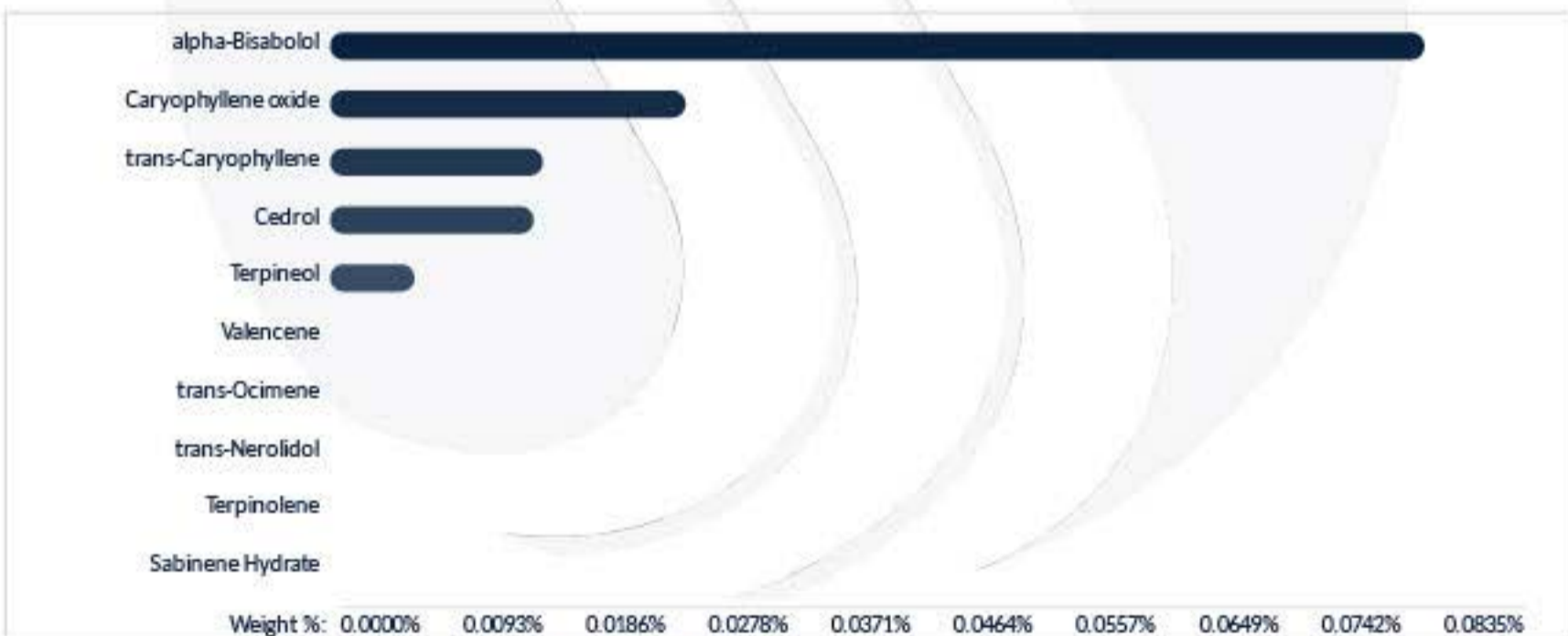
Sample Prep

Batch Date: 10/06/2023
 SOP: 419
 Batch Number: 92

Sample Analysis

Date: 10/09/2023
 SOP: 419 - GC-FID
 Sample Weight: 0.426 g
 Volume: 10 mL

Analyte	LOD / LOQ (%)	Dil.	Results (%)	Qualifier	Analyte	LOD / LOQ (%)	Dil.	Results (%)	Qualifier
alpha-Bisabolol	0.0009 / 0.0028	1	0.0835	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	0.0271	Q3	Terpineol	0.0009 / 0.0028	1	0.0064	Q3
Cedrol	0.0009 / 0.0028	1	0.0155	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	0.0162	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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 Technical Laboratory Director

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TRU Infusion/Natures Wonder
 AZ
 85022
 License #: 00000010ESIR42914838
 Sample ID: 2310SMAZ0093.0198
 Batch #: 212NW1023



CERTIFICATE OF ANALYSIS
 License #: 00000020LCVT89602592

Certificate: 290

Microbial Analysis
 Pass

Sample Prep

Batch Date: 10/05/2023
 SOP: 431.AZ
 Batch Number: 90

Sample Analysis

Date: 10/09/2023
 SOP: 431.AZ - TEMPO (MPN)
 Sample Weight: 1.061 g

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

Sample Prep

Batch Date: 10/04/2023
 SOP: 406.AZ
 Batch Number: 75

Sample Analysis

Date: 10/09/2023
 SOP: 406.AZ - qPCR (MG)
 Sample Weight: 1.025 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: 10/04/2023
 SOP: 406.AZ
 Batch Number: 75

Sample Analysis

Date: 10/09/2023
 SOP: 406.AZ - qPCR (MG)
 Sample Weight: 1.025 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: 10/04/2023
 SOP: 405.AZ
 Batch Number: 77

Sample Analysis
 Date: 10/09/2023
 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: 10/05/2023
 SOP: 428.AZ
 Batch Number: 82

Sample Analysis
 Date: 10/09/2023
 SOP: 428.AZ - ICP-MS
 Sample Weight: 0.206 g
 Volume: 6 mL

Analyte	LOD (ppm)	LOQ (ppm)	DIL.	Action Limit (ppm)	Results (ppm)	Qualifier
Arsenic	0.020	0.194	10	0.4	ND	
Cadmium	0.020	0.194	10	0.4	ND	
Lead	0.020	0.486	10	1	ND	
Mercury	0.020	0.097	10	0.2	ND	

Mycotoxin Analysis

LC-MS/MS **Pass**

Sample Prep
 Batch Date: 10/05/2023
 SOP: 432.AZ
 Batch Number: 84

Sample Analysis
 Date: 10/09/2023
 SOP: 424.AZ - LC-MS/MS
 Sample Weight: 0.536 g
 Volume: 12.5 mL

Analyte	LOD (ppb)	LOQ (ppb)	DIL.	Action Limit (ppb)	Results (ppb)	Qualifier
Total Aflatoxins	3.73	0.73	1	20	ND	I1, R1
Aflatoxin B1	3.73	9.33	1	0	ND	I1, R1
Aflatoxin B2	3.73	9.33	1	0	ND	I1
Aflatoxin G1	3.73	9.33	1	0	ND	
Aflatoxin G2	3.73	4.66	1	0	ND	
Ochratoxin A	9.33	9.33	1	20	ND	I1, R1 V1

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 License #: 00000020LCVT89602592

Certificate: 290

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

Sample Prep

Batch Date: 10/05/2023
 SOP: 432.AZ
 Batch Number: 84

Sample Analysis

Date: 10/09/2023
 SOP: 424.AZ - LC-MS/MS
 Sample Weight: 0.536 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	0.077 / 0.233	1	0.5	ND	M1	Hexythiazox	0.156 / 0.466	1	1	ND	M2
Acephate	0.062 / 0.187	1	0.4	ND		Imazail	0.031 / 0.093	1	0.2	ND	
Acetamiprid	0.031 / 0.093	1	0.2	ND		Imidacloprid	0.062 / 0.187	1	0.4	ND	
Aldicarb	0.062 / 0.187	1	0.4	ND		Kresoxim-methyl	0.062 / 0.187	1	0.4	ND	
Axoxystrobin	0.031 / 0.093	1	0.2	ND		Malathion	0.031 / 0.093	1	0.2	ND	
Bifenazate	0.031 / 0.093	1	0.2	ND	M2	Metolaryl	0.031 / 0.093	1	0.2	ND	
Bifenthrin	0.031 / 0.093	1	0.2	ND		Methiocarb	0.031 / 0.093	1	0.2	ND	
Boscalid	0.062 / 0.187	1	0.4	ND		Methomyl	0.062 / 0.187	1	0.4	ND	
Carbaryl	0.031 / 0.093	1	0.2	ND		Myclobutanil	0.031 / 0.093	1	0.2	ND	
Carbofuran	0.031 / 0.093	1	0.2	ND		Naled	0.077 / 0.233	1	0.5	ND	
Chlorantraniliprole	0.031 / 0.093	1	0.2	ND	R1	Oxaryl	0.156 / 0.466	1	1	ND	
Chlorfenapyr	0.156 / 0.466	1	1	ND	H1	Paclobutraol	0.062 / 0.187	1	0.4	ND	
Chlorpyrifos	0.031 / 0.093	1	0.2	ND	M2	Permethrins	0.031 / 0.093	1	0.2	ND	
Clofentezine	0.031 / 0.093	1	0.2	ND		Phosmet	0.031 / 0.093	1	0.2	ND	
Cyfluthrin	0.156 / 0.466	1	1	ND		Piperonyl Butoxide	0.311 / 0.933	1	2	ND	
Cypermethrin	0.156 / 0.466	1	1	ND		Prallethrin	0.031 / 0.093	1	0.2	ND	
Daminozide	0.156 / 0.466	1	1	ND		Propiconazole	0.062 / 0.187	1	0.4	ND	
Diazinon	0.031 / 0.093	1	0.2	ND		Propoxur	0.031 / 0.093	1	0.2	ND	
Dichlorvos	0.016 / 0.047	1	0.1	ND		Pyrethrins	0.130 / 0.391	1	1	ND	
Dimethoate	0.031 / 0.093	1	0.2	ND		Pyridaben	0.031 / 0.093	1	0.2	ND	
Ethoprophos	0.031 / 0.093	1	0.2	ND		Spinosad	0.031 / 0.093	1	0.2	ND	
Etofenprox	0.062 / 0.187	1	0.4	ND		Spiromesifen	0.031 / 0.093	1	0.2	ND	
Etoazole	0.031 / 0.093	1	0.2	ND		Spirotetramat	0.031 / 0.093	1	0.2	ND	
Fenoxycarb	0.031 / 0.093	1	0.2	ND		Spiroxamine	0.062 / 0.187	1	0.4	ND	
Fenpyroximate	0.062 / 0.187	1	0.4	ND		Tebuconazole	0.062 / 0.187	1	0.4	ND	
Fipronil	0.062 / 0.187	1	0.4	ND		Thiacloprid	0.031 / 0.093	1	0.2	ND	
Fonicamid	0.156 / 0.466	1	1	ND		Thiamethoxam	0.031 / 0.093	1	0.2	ND	
Fludioxonil	0.062 / 0.187	1	0.4	ND		Trifloxystrobin	0.031 / 0.093	1	0.2	ND	

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Certificate: 290

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.

Notes:

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