



Star Nutrasciences INC
 2050 E University Drive
 Suite 1
 Phoenix, AZ 85034
 License #: D01368736
 Sample ID: 2406SMAZ0744.2296
 Batch #:



CERTIFICATE OF ANALYSIS
 License #: 00000020LCVT89602592

Certificate: 6522

cbd tincture 2000 mg

Batch #:
 Strain: CBD ISOLATE
 Parent Batch #:
 Production Method:
 Harvest Date:
 Received: 06/03/2024

Sample ID: 2406SMAZ0744.2296
 Amount Received: 28 g
 Sample Type: Tincture
 Sample Collected: 06/03/2024 02:41:00
 Manufacture Date:
 Published: 06/10/2024



COMPLIANCE FOR RETAIL

Regulated Analytes

Cannabinoid Profile (Q3) Tested	Microbial Contaminants Not Tested	Residual Solvents Not Tested
Pesticides, Fungicides, and Growth Regulators Not Tested	Mycotoxins Not Tested	Heavy Metals Not Tested

Additional Analytes (Not Regulated)

Terpenes Total (Q3) Not 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

ND Total THC
7.180% Total CBD
ND CBN
ND CBG
7.243% 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: 06/05/2024
 SOP: 418.AZ
 Batch Number: 1472

Sample Analysis

Date: 06/05/2024
 SOP: 417.AZ - HPLC
 Sample Weight: 0.203 g
 Volume: 40 mL

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	mg/serving	Qualifier
CBC	0.063	0.193	1	ND	ND	ND	
CBD	0.063	0.193	1	7.180	71.797	2153.910	
CBDA	0.063	0.193	1	ND	ND	ND	
CBDV	0.063	0.193	1	0.064	0.636	19.080	
CBG	0.063	0.193	1	ND	ND	ND	
CBGA	0.063	0.193	1	ND	ND	ND	
CBN	0.063	0.193	1	ND	ND	ND	
d8-THC	0.063	0.193	1	ND	ND	ND	
d9-THC	0.063	0.193	1	ND	ND	ND	
THCA	0.063	0.193	1	ND	ND	ND	
THCV	0.063	0.193	1	ND	ND	ND	

Cannabinoid Totals	Actual % (w/w)	mg/g	mg/serving	Qualifier
Total THC	ND	ND	ND	
Total CBD	7.180	71.797	2153.910	
Total Cannabinoids	7.243	72.434	2173.020	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: 30 None

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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:



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