



Star Nutrasciences INC  
 2050 E University Drive  
 Suite 1  
 Phoenix, AZ 85034  
 License #: D01368736  
 Sample ID: 2406SMAZ0744.2295  
 Batch #:



**CERTIFICATE OF ANALYSIS**  
 License #: 00000020LCVT89602592

Certificate: 6521

## cbd isolate cream

Batch #: **Sample ID: 2406SMAZ0744.2295**  
 Strain: cbd isolate **Amount Received: 36.3 g**  
 Parent Batch #: **Sample Type: Lotion**  
 Production Method: **Sample Collected: 06/03/2024 02:41:00**  
 Harvest Date: **Manufacture Date:**  
 Received: 06/03/2024 **Published: 06/10/2024**



## COMPLIANCE FOR RETAIL

### Regulated Analytes

Cannabinoid Profile (Q3) <b>Tested</b>	Microbial Contaminants <b>Not Tested</b>	Residual Solvents <b>Not Tested</b>	<b>ND</b> Total THC
Pesticides, Fungicides, and Growth Regulators <b>Not Tested</b>	Mycotoxins <b>Not Tested</b>	Heavy Metals <b>Not Tested</b>	<b>1.241%</b> Total CBD
<b>Additional Analytes (Not Regulated)</b>			<b>0.022%</b> CBN
Terpenes Total (Q3) <b>Not Tested</b>	Moisture Analysis (Q3) <b>Not Tested</b>	Water Activity (Q3) <b>Not Tested</b>	<b>ND</b> CBG
Filth & Foreign (Q3) <b>Not Tested</b>	Homogeneity (Q3) <b>Not Tested</b>	Additional Microbial Contaminants (Q3) <b>Not Tested</b>	<b>1.329%</b> 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	0.066	0.661	39.660	
CBD	0.063	0.193	1	1.241	12.415	744.900	
CBDA	0.063	0.193	1	ND	ND	ND	
CBDV	0.063	0.193	1	ND	ND	ND	
CBG	0.063	0.193	1	ND	ND	ND	
CBGA	0.063	0.193	1	ND	ND	ND	
CBN	0.063	0.193	1	0.022	0.216	12.960	
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	1.241	12.415	744.900	
Total Cannabinoids	1.329	13.293	797.580	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: 60 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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Accreditation #: 103104

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