

KCMMM  
 #119  
 4727 E. Bell Rd.  
 STE 45  
 Phoenix  
 AZ  
 85032  
 License #: AZ-T230007  
 Sample ID: 2311SMAZ0281.0872  
 Batch #: 20



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

Certificate: 1613

## Hemp THCa Flower

Batch #: 20  
 Strain: 18 Greasy Runtz  
 Parent Batch #:  
 Sample Collected: 11/07/2023 12:11:00  
 Published: 11/13/2023

Sample ID: 2311SMAZ0281.0872  
 Amount Received: 3.8 g  
 Sample Type: Flower - Cured  
 Received: 11/09/2023



## COMPLIANCE FOR RETAIL

### Regulated Analytes

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

### Additional Analytes (Not Regulated)

Terpenes Total (Q3) <b>Not Tested</b>	Moisture Analysis (Q3) <b>Not Tested</b>	Water Activity (Q3) <b>Not Tested</b>
Filth & Foreign (Q3) <b>Not Tested</b>	Homogeneity (Q3) <b>Not Tested</b>	

**16.863%**  
Total THC

**ND**  
Total CBD

**ND**  
CBN

**0.096%**  
CBG

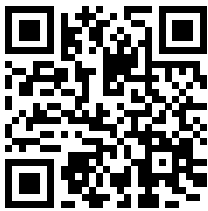
**19.663%**  
Total Cannabinoids (Q3)

**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. 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: 11/07/2023  
 SOP: 418.AZ  
 Batch Number: 314

**Sample Analysis**

Date: 11/09/2023  
 SOP: 417.AZ - HPLC  
 Sample Weight: 0.103 g  
 Volume: 40 mL

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	Qualifier
CBC	0.125	0.379	1	ND	ND	
CBD	0.125	0.379	1	ND	ND	
CBDA	0.125	0.379	1	ND	ND	
CBDV	0.125	0.379	1	ND	ND	
CBG	0.125	0.379	1	0.096	0.961	
CBGA	0.125	0.379	1	0.386	3.863	
CBN	0.125	0.379	1	ND	ND	
d8-THC	0.125	0.379	1	ND	ND	
d9-THC	0.125	0.379	1	0.238	2.377	
THCA	0.125	0.379	1	18.843	188.426	
THCV	0.125	0.379	1	ND	ND	

Cannabinoid Totals	Actual % (w/w)	mg/g	Qualifier
Total THC	16.863	168.627	
Total CBD	ND	ND	
Total Cannabinoids	19.663	196.628	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

Ahmed Munshi

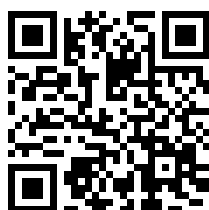
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Accreditation #: 103104

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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.

## Notes:

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