

**SAMPLE NAME:** Lemon Kush- MTS  
Flower, Hemp

**Date Collected:** 10/14/2022

**Date Received:** 10/14/2022

**CULTIVATOR / MANUFACTURER**

**Batch Size:**

**Business Name:**

**Sample Size:**

**License Number:**

**Unit Mass:**

**Address:**

**Serving Size:**

**SAMPLE DETAIL**

**Batch Number:** JY22LK

**Sample ID:** 221014S025



**CANNABINOID ANALYSIS - SUMMARY**

**Total THC:** 0.45%

**Total CBD:** 9.1%

**Sum of Cannabinoids:** 12.43%

**Total Cannabinoids:** 11.0%

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

Total THC =  $\Delta^8$ -THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids =  $\Delta^8$ -THC + THCa + CBD + CBDa + CBG + CBGa +  
THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta^8$ -THC + CBL + CBN


Total Cannabinoids = ( $\Delta^8$ -THC+0.877\*THCa) + (CBD+0.877\*CBDa) +  
(CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) +  
(CBDV+0.877\*CBDVa) +  $\Delta^8$ -THC + CBL + CBN


For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

**Sample Certification:** California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

**Decision Rule:** Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

  
LQC verified by: Callie Stone  
Date: 10/16/2022

  
Approved by: Josh Wurzer, President  
Date: 10/16/2022



## Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

**Method:** QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

### TOTAL THC: 0.45%

Total THC ( $\Delta^9$ -THC+0.877\*THCa)

### TOTAL CBD: 9.1%

Total CBD (CBD+0.877\*CBDA)

### TOTAL CANNABINOIDS: 11.0%

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta^8$ -THC + CBL + CBN

### TOTAL CBG: 0.93%

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: 0.47%

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: 0.031%

Total CBDV (CBDV+0.877\*CBDVa)

## CANNABINOID TEST RESULTS - 10/16/2022

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBDA	0.06 / 0.22	±3.228	98.11	9.811
CBGa	0.1 / 0.4	±0.51	9.5	0.95
CBD	0.1 / 0.3	±0.21	5.0	0.50
CBCa	0.1 / 0.4	±0.33	4.8	0.48
THCa	0.04 / 0.24	±0.139	4.34	0.434
CBG	0.2 / 0.5	±0.07	1.0	0.10
$\Delta^9$ -THC	0.1 / 0.4	±0.02	0.7	0.07
CBC	0.1 / 0.2	±0.02	0.5	0.05
CBDVa	0.02 / 0.22	±0.003	0.35	0.035
$\Delta^8$ -THC	0.05 / 0.50	N/A	ND	ND
THCV	0.07 / 0.21	N/A	ND	ND
THCVa	0.05 / 0.17	N/A	ND	ND
CBDV	0.1 / 0.3	N/A	ND	ND
CBL	0.1 / 0.4	N/A	ND	ND
CBN	0.07 / 0.20	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>124.3 mg/g</b>	<b>12.43%</b>