

**SAMPLE DETAILS**

OVERALL BATCH RESULT: ✔ PASS
**SAMPLE NAME:** Sour Z

Flower, Inhalable

**CULTIVATOR / MANUFACTURER**

Business Name: License Number:

Address:

**DISTRIBUTOR**

Business Name:

License Number:

Address:

**SAMPLE DETAIL**
**Batch Number:**

Sample ID 250113C228

Source Metrc UID:

**Date Collected:** 01/13/2025

**Date Received:** 01/14/2025

**Batch Size:** 22700.0 grams

**Sample Size:** 80.0 grams

**Unit Mass:**
**Serving Size:**

**Sampling Method:** QSP 1265 - Sampling of Cannabis and Product Batches

**CANNABINOID ANALYSIS - SUMMARY**

CALCULATED USING DRY-WEIGHT

**Sum of Cannabinoids:** 32.6873%

Sum of Cannabinoids =  $\Delta 9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDA} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta 8\text{-THC} + \text{CBL} + \text{CBN}$  Total Cannabinoids =  $(\Delta 9\text{-THC} + 0.877 \times \text{THCa} + \Delta 8\text{-THC}) + (\text{CBD} + 0.877 \times \text{CBDA}) + (\text{CBG} + 0.877 \times \text{CBGa}) + (\text{THCV} + 0.877 \times \text{THCVa}) + (\text{CBC} + 0.877 \times \text{CBCa}) + (\text{CBDV} + 0.877 \times \text{CBDVa}) + \text{CBL} + \text{CBN}$  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 =  $\Delta 9\text{-THC} + (\text{THCa} (0.877)) + \Delta 8\text{-THC}$   
 Total CBD =  $\text{CBD} + (\text{CBDA} (0.877))$

**Moisture:** 11.7%

**Total Cannabinoids:** 28.9093%
**Total THC:** 27.9253%
**Total CBD:** 0.0973%
**TERPENOID ANALYSIS - SUMMARY**

39 TESTED, TOP 3 HIGHLIGHTED

**Total Terpenoids:** 3.4486%
● Myrcene 8.687 mg/g ● Limonene 7.804 mg/g ●  $\beta$ -Caryophyllene 5.334 mg/g

**SAFETY ANALYSIS - SUMMARY**

Pesticides: ✔ PASS

Mycotoxins: ✔ PASS

Heavy Metals: ✔ PASS

Microbiology: ✔ PASS

Foreign Material: ✔ PASS

Water Activity: ✔ PASS

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),

 $\mu\text{g/g} = \text{ppm}$ ,  $\mu\text{g/kg} = \text{ppb}$ 


ALCQC samples were performed and met the prescribed acceptance criteria in 4 CCR section 15730, as attested by: Yasmin Kakkar  
 Job Title: Senior Laboratory Analyst  
 Date: 01/16/2025



Approved by: Josh Wurzer  
 Job Title: Chief Compliance Officer  
 Date: 01/16/2025

## CANNABINOID TEST RESULTS 01/15/2025

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD). Calculated using Dry-Weight. **Method:** QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL CANNABINOIDS: **28.9093%**

Total Cannabinoids (Total THC) + (Total CBD) +  
(Total CBG) + (Total THCV) + (Total CBC) +  
(Total CBDV) + CBL + CBN

TOTAL THC: **27.9253%**

Total THC (  $\Delta^9$ -THC+0.877\*THCa+ $\Delta^8$ -THC)

TOTAL CBD: **0.0973%**

Total CBD (CBD+0.877\*CBDA)

TOTAL CBG: 0.4748%

Total CBG (CBG+0.877\*CBGa)

TOTAL THCV: 0.1268%

Total THCV (THCV+0.877\*THCVa)

TOTAL CBC: 0.2851%

Total CBC (CBC+0.877\*CBCa)

TOTAL CBDV: ND

Total CBDV (CBDV+0.877\*CBDVa)

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT		
		UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
THCa	0.062 / 0.250	±5.4951	313.032	31.3032
$\Delta^9$ -THC	0.047 / 0.250	±0.3526	2.756	0.2756
CBGa	0.040 / 0.250	±0.1210	4.305	0.4305
CBCa	0.199 / 0.500	±0.1291	3.251	0.3251
THCVa	0.040 / 0.250	±0.0130	1.446	0.1446
CBDA	0.031 / 0.250	±0.0202	1.110	0.1110
CBG	0.037 / 0.250	±0.0126	0.973	0.0973
CBC	0.072 / 0.250	N/A	<1	<0.1
$\Delta^8$ -THC	0.075 / 0.250	N/A	ND	ND
THCV	0.052 / 0.250	N/A	ND	ND
CBD	0.062 / 0.250	N/A	ND	ND
CBDV	0.044 / 0.250	N/A	ND	ND
CBDVa	0.017 / 0.250	N/A	ND	ND
CBL	0.126 / 0.382	N/A	ND	ND
CBN	0.033 / 0.250	N/A	ND	ND
SUM OF CANNABINOIDS			326.873 mg/g	32.6873%

## MOISTURE TEST RESULT

11.7%

Tested 01/15/2025

**Method:** QSP 1224 -

Loss on Drying (Moisture)

## TERPENOID TEST RESULTS 01/16/2025

Terpene analysis utilizing gas chromatography-flame ionization detection (GC-FID). **Method:** QSP 1192 - Analysis of Terpenoids by GC-FID

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT		
		UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Myrcene	0.007 / 0.025	±0.3075	8.687	0.8687
Limonene	0.005 / 0.016	±0.2544	7.804	0.7804
$\beta$ -Caryophyllene	0.004 / 0.013	±0.2870	5.334	0.5334
Linalool	0.009 / 0.036	±0.1690	4.301	0.4301
trans- $\beta$ -Farnesene	0.008 / 0.028	±0.1007	1.767	0.1767
$\alpha$ -Humulene	0.009 / 0.180	±0.0833	1.548	0.1548
$\beta$ -Pinene	0.004 / 0.015	±0.0416	1.288	0.1288

TERPENOID TEST RESULTS 01/16/2025 continued  
MEASUREMENT

COMPOUND	LOD/LOQ (mg/g)	UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Terpineol	0.008 / 0.025	±0.0608	0.994	0.0994
Nerolidol	0.006 / 0.021	±0.0668	0.845	0.0845
Fenchol	0.009 / 0.036	±0.0252	0.684	0.0684
$\alpha$ -Pinene	0.005 / 0.036	±0.0210	0.587	0.0587
Camphene	0.004 / 0.014	±0.0058	0.179	0.0179
Borneol	0.004 / 0.014	±0.0077	0.165	0.0165
Terpinolene	0.008 / 0.036	±0.0015	0.101	0.0101
Caryophyllene Oxide	0.011 / 0.038	±0.0054	0.091	0.0091
$\beta$ -Ocimene	0.005 / 0.025	±0.0022	0.057	0.0057
$\alpha$ -Bisabolol	0.008 / 0.026	±0.0023	0.054	0.0054
Citronellol	0.003 / 0.036	N/A	<LOQ	<LOQ
Fenchone	0.008 / 0.036	N/A	<LOQ	<LOQ
$\gamma$ -Terpinene	0.005 / 0.018	N/A	<LOQ	<LOQ
Nerol	0.003 / 0.036	N/A	<LOQ	<LOQ
Sabinene	0.004 / 0.014	N/A	<LOQ	<LOQ
Sabinene Hydrate	0.007 / 0.036	N/A	<LOQ	<LOQ
Valencene	0.010 / 0.180	N/A	<LOQ	<LOQ
$\alpha$ -Cedrene	0.005 / 0.017	N/A	ND	ND
$\alpha$ -Phellandrene	0.006 / 0.036	N/A	ND	ND
$\alpha$ -Terpinene	0.006 / 0.019	N/A	ND	ND
Camphor	0.005 / 0.036	N/A	ND	ND
Cedrol	0.009 / 0.032	N/A	ND	ND
$\Delta^3$ -Carene	0.005 / 0.018	N/A	ND	ND
Eucalyptol	0.005 / 0.018	N/A	ND	ND
Geraniol	0.002 / 0.036	N/A	ND	ND
Geranyl Acetate	0.004 / 0.036	N/A	ND	ND
Guaiol	0.011 / 0.035	N/A	ND	ND
Isoborneol	0.003 / 0.011	N/A	ND	ND
Isopulegol	0.004 / 0.036	N/A	ND	ND
Menthol	0.008 / 0.025	N/A	ND	ND
p-Cymene	0.005 / 0.015	N/A	ND	ND
Pulegone	0.003 / 0.010	N/A	ND	ND
TOTAL TERPENOIDS			34.486 mg/g	3.4486%