

SAMPLE DETAILS

SAMPLE NAME: Girl Scout Cookies

Flower, Inhalable

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: Arete

License Number:

Address:

SAMPLE DETAIL

Batch Number:

Sample ID: 251014L046

Date Collected: 10/14/2025

Date Received: 10/15/2025

Batch Size:

Sample Size:

Unit Mass:

Serving Size:

Scan QR code to verify
authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

CALCULATED USING DRY-WEIGHT

Total THC: **19.05%**Total CBD: **<LOQ**Sum of Cannabinoids: **22.69%**Total Cannabinoids: **19.92%**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 = Δ^9 -THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids = Δ^9 -THC + THCa + CBD + CBDa + CBG + CBGa +THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8 -THC + CBL + CBNTotal Cannabinoids = (Δ^9 -THC+0.877*THCa) + (CBD+0.877*CBDa) +

(CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) +

(CBDV+0.877*CBDVa) + Δ^8 -THC + CBL + CBNMoisture: **74.8%**

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



Approved by: Josh Wurzer
Chief Compliance Officer
Date: 12/15/2025

Amendment to Certificate of Analysis 251014L046-001



Cannabinoid Analysis

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 THC: 19.05%

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: <LOQ

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 19.92%

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

TOTAL CBG: 0.62%

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 0.073%

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.18%

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: ND

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 10/16/2025

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
THCa	0.04 / 0.24	±6.914	215.40	21.540
CBGa	0.1 / 0.4	±0.38	7.1	0.71
CBCa	0.1 / 0.4	±0.14	2.0	0.20
Δ^9 -THC	0.1 / 0.4	±0.05	1.6	0.16
THCVa	0.05 / 0.17	±0.020	0.83	0.083
CBDa	0.06 / 0.22	N/A	<LOQ	<LOQ
Δ^8 -THC	0.05 / 0.50	N/A	ND	ND
THCV	0.07 / 0.21	N/A	ND	ND
CBD	0.1 / 0.3	N/A	ND	ND
CBDV	0.1 / 0.3	N/A	ND	ND
CBDVa	0.02 / 0.22	N/A	ND	ND
CBG	0.2 / 0.5	N/A	ND	ND
CBL	0.1 / 0.4	N/A	ND	ND
CBN	0.07 / 0.20	N/A	ND	ND
CBC	0.1 / 0.2	N/A	ND	ND
SUM OF CANNABINOIDS			226.9 mg/g	22.69%

MOISTURE TEST RESULT

74.8%

Tested 10/17/2025

Method: QSP 1224 - Loss on Drying (Moisture)

NOTES

Reason for Amendment: Photo Update

Arete

Sample: 05-21-2025-62228

Sample Received: 05/21/2025;

Report Created: 05/23/2025; Expires: 05/23/2026

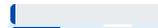
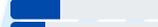
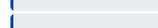
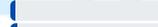
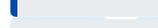
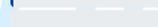
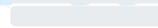
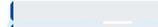
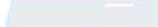
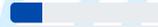
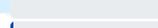
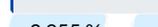
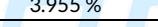
Girl Scout Cookies
Plant, Flower - Cured



Terpenes

(Testing Method: HS-GC/MS, CON-P-4000)

Date Tested: 05/21/2025

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	380.089	0.380	
α-Humulene	0.750	3.000	3279.921	3.280	
α-Pinene	0.750	3.000	2286.993	2.287	
α-Terpinene	0.750	3.000	23.788	0.024	
1,8-Cineole	0.750	3.000	58.659	0.059	
β-Caryophyllene	0.750	3.000	10501.747	10.502	
β-Myrcene	0.750	3.000	4653.328	4.653	
Borneol	0.750	3.000	370.440	0.370	
Camphene	0.750	3.000	465.571	0.466	
Carene	0.750	3.000	ND	ND	
Caryophyllene Oxide	3.000	3.000	128.132	0.128	
Citral	0.750	3.000	ND	ND	
Dihydrocarveol	0.750	3.000	ND	ND	
Fenchone	0.750	3.000	122.600	0.123	
γ-Terpinene	0.750	3.000	31.522	0.032	
Limonene	0.750	3.000	10461.612	10.462	
Linalool	0.750	3.000	4447.027	4.447	
Menthol	0.750	3.000	ND	ND	
Nerolidol	0.750	3.000	ND	ND	
Ocimene	0.750	3.000	2122.686	2.123	
Pulegone	0.750	3.000	ND	ND	
Terpinolene	0.750	3.000	217.763	0.218	
Total			39551.877	39.552	3.955 %

Primary Aromas

Cinnamon



Lime



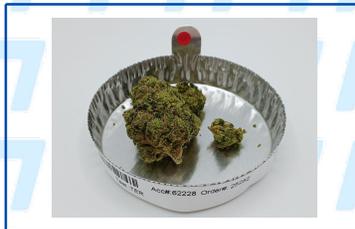
Clove



Lavender



Hops



Total terpenes value is qualitative and includes concentrations outside the assay quantitative analytical range.