

**SAMPLE DETAILS****SAMPLE NAME:** White Rainbow

Flower, Inhalable

**CULTIVATOR / MANUFACTURER**

Business Name:

License Number:

Address:

**DISTRIBUTOR / TESTED FOR**

Business Name: Arete

License Number:

Address:

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

Sample ID: 250807L069

**Date Collected:** 08/07/2025**Date Received:** 08/07/2025**Batch Size:****Sample Size:****Unit Mass:****Serving Size:**Scan QR code to verify  
authenticity of results.**CANNABINOID ANALYSIS - SUMMARY****Total THC:** **29.87%**

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 =  $\Delta^7\text{-THC} + (\text{THCa} (0.877))$ 

Total CBD = CBD + (CBDA (0.877))

Sum of Cannabinoids =  $\Delta^7\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDA} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVA} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$ Total Cannabinoids =  $(\Delta^7\text{-THC} + 0.877 \times \text{THCa}) + (\text{CBD} + 0.877 \times \text{CBDA}) + (\text{CBG} + 0.877 \times \text{CBGa}) + (\text{THCV} + 0.877 \times \text{THCVA}) + (\text{CBC} + 0.877 \times \text{CBCa}) + (\text{CBDV} + 0.877 \times \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$ **Total CBD:** **0.120%****Sum of Cannabinoids:** **36.13%****Total Cannabinoids:** **31.73%**

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

Amendment to Certificate of Analysis 250807L069-001

  
Approved by: Josh Wurzer  
Chief Compliance Officer  
Date: 10/09/2025



DATE ISSUED 10/09/2025

## 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: 29.87%

Total THC ( $\Delta^9\text{-THC} + 0.877 \times \text{THCa}$ )

### TOTAL CBD: 0.120%

Total CBD ( $\text{CBD} + 0.877 \times \text{CBDa}$ )

### TOTAL CANNABINOIDs: 31.73%

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

### TOTAL CBG: 1.31%

Total CBG ( $\text{CBG} + 0.877 \times \text{CBGa}$ )

### TOTAL THCV: 0.189%

Total THCV ( $\text{THCV} + 0.877 \times \text{THCVa}$ )

### TOTAL CBC: 0.25%

Total CBC ( $\text{CBC} + 0.877 \times \text{CBCa}$ )

### TOTAL CBDV: ND

Total CBDV ( $\text{CBDV} + 0.877 \times \text{CBDVa}$ )

### CANNABINOID TEST RESULTS - 08/10/2025

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
THCa	0.04 / 0.24	$\pm 10.825$	337.24	33.724
CBGa	0.1 / 0.4	$\pm 0.76$	14.2	1.42
$\Delta^9\text{-THC}$	0.1 / 0.4	$\pm 0.09$	2.9	0.29
CBCa	0.1 / 0.4	$\pm 0.19$	2.8	0.28
THCVa	0.05 / 0.17	$\pm 0.051$	2.15	0.215
CBDa	0.06 / 0.22	$\pm 0.045$	1.37	0.137
CBG	0.2 / 0.5	$\pm 0.04$	0.6	0.06
$\Delta^8\text{-THC}$	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
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
<b>SUM OF CANNABINOIDs</b>			<b>361.3 mg/g</b>	<b>36.13%</b>

### NOTES

Reason for Amendment: Order Detail Information Change

# Certificate of Analysis

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Arete

Sample: 01-03-2025-58895

Sample Received: 01/03/2025;

Report Created: 01/07/2025; Expires: 01/07/2026

White Rainbow  
Plant, Flower - Cured



## Terpenes

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

Date Tested: 01/03/2025

Analyte	LOD	LOQ	Mass	Mass
	PPM	PPM	PPM	mg/g
$\alpha$ -Bisabolol	0.750	3.000	441.554	0.442
$\alpha$ -Humulene	0.750	3.000	2849.742	2.850
$\alpha$ -Pinene	0.750	3.000	1418.822	1.419
$\alpha$ -Terpinene	0.750	3.000	<LOQ	<LOQ
1,8-Cineole	0.750	3.000	44.561	0.045
$\beta$ -Caryophyllene	0.750	3.000	10714.582	10.715
$\beta$ -Myrcene	0.750	3.000	781.922	0.782
Borneol	0.750	3.000	255.475	0.255
Campene	0.750	3.000	272.262	0.272
Carene	0.750	3.000	ND	ND
Caryophyllene Oxide	3.000	3.000	670.263	0.670
Citral	0.750	3.000	ND	ND
Dihydrocarveol	0.750	3.000	ND	ND
Fenchone	0.750	3.000	87.019	0.087
$\gamma$ -Terpinene	0.750	3.000	<LOQ	<LOQ
Limonene	0.750	3.000	6052.402	6.052
Linalool	0.750	3.000	8022.024	8.022
Menthol	0.750	3.000	ND	ND
Nerolidol	0.750	3.000	ND	ND
Ocimene	0.750	3.000	524.784	0.525
Pulegone	0.750	3.000	ND	ND
Terpinolene	0.750	3.000	123.602	0.124
<b>Total</b>			32259.013	32.259
				3.226 %



## Primary Aromas

Cinnamon



Lavender



Lime



Hops



Pine



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