



Certificate of Analysis

Arete

Sample: 04-13-2022-19427

Sample Received:04/13/2022;

Report Created: 04/19/2022; Expires: 04/14/2023

Sour Hawaiian Haze Concentrate & Extracts



5.638%

Total THC

0.245%

 Δ -9 THC

85.296%

Total Cannabinoids

73.742%

Total CBD

Cannabinoids

(Testing Method: HPLC, CON-P-3000) Date Tested: 04/13/2022

Complete

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0943	0.1415	ND	ND	
Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0943	0.1415	0.245	2.453	1
Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0943	0.1415	6.149	61.491	
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP)	0.0943	0.1415	ND	ND	
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV)	0.0943	0.1415	ND	ND	
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0943	0.1415	ND	ND	
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0943	0.1415	ND	ND	
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0943	0.1415	ND	ND	
9R-Hexahydrocannabinol (9R-HHC)	0.0943	0.1415	ND	ND	
9S-Hexahydrocannabinol (9S-HHC)	0.0943	0.1415	ND	ND	
Tetrahydrocannabinol Acetate (THCO)	0.0943	0.1415	ND	ND	
Cannabidivarin (CBDV)	0.0943	0.1415	0.189	1.887	
Cannabidivarinic Acid (CBDVA)	0.0943	0.1415	ND	ND	
Cannabidiol (CBD)	0.0943	0.1415	62.608	626.075	
Cannabidiolic Acid (CBDA)	0.0943	0.1415	12.696	126.962	
Cannabigerol (CBG)	0.0943	0.1415	1.002	10.019	
Cannabigerolic Acid (CBGA)	0.0943	0.1415	0.170	1.698	
Cannabinol (CBN)	0.0943	0.1415	0.640	6.396	
Cannabinolic Acid (CBNA)	0.0943	0.1415	ND	ND	
Cannabichromene (CBC)	0.0943	0.1415	0.809	8.094	
Cannabichromenic Acid (CBCA)	0.0943	0.1415	0.789	7.887	
Total			85.296	852.962	

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; LOQ = Limit of Quantitation; ND = Not Detected.

Total THC Measurement of Uncertainty: \pm 0.030% Total CBD Measurement of Uncertainty: \pm 1.000% THCO potency analysis does not designate quantitative specificity of Δ -8-THCO and Δ -9-THCO isomers

 $\label{lem:lemma:def} Amended\ report\ is sued\ to\ reflect\ sample\ identification\ change.$



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Laboratory Director

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Sour Hawaiian Haze Concentrate & Extracts



Terpenes

(Testing Method: HS-GC/MS, CON-P-4000) Date Tested: 04/13/2022

Analyte	LOD	LOQ	Mass	Mass		
	PPM	PPM	PPM	mg/g		
α-Bisabolol	0.750	3.000	ND	ND		
α-Humulene	0.750	3.000	997.941	0.998		
α-Pinene	0.750	3.000	1994.118	1.994		
α-Terpinene	0.750	3.000	ND	ND		
1,8-Cineole	0.750	3.000	ND	ND		
β-Caryophyllene	0.750	3.000	3286.304	3.286		
β-Myrcene	0.750	3.000	18007.775	18.008		
Borneol	0.750	3.000	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
Camphene	0.750	3.000	ND	ND		
Carene	0.750	3.000	ND	ND		
Caryophyllene Oxide	0.750	3.000	<loq< td=""><td><loq< td=""><td>1</td><td></td></loq<></td></loq<>	<loq< td=""><td>1</td><td></td></loq<>	1	
Citral	0.750	3.000	ND	ND		
Dihydrocarveol	0.750	3.000	ND	ND		
Fenchone	0.750	3.000	<loq< td=""><td><loq< td=""><td>1</td><td></td></loq<></td></loq<>	<loq< td=""><td>1</td><td></td></loq<>	1	
y-Terpinene	0.750	3.000	<loq< td=""><td><loq< td=""><td></td><td></td></loq<></td></loq<>	<loq< td=""><td></td><td></td></loq<>		
Limonene	0.750	3.000	2544.735	2.545		
Linalool	0.750	3.000	1285.853	1.286		
Menthol	0.750	3.000	ND	ND		
Nerolidol	0.750	3.000	ND	ND		
Ocimene	0.750	3.000	ND	ND		
Pulegone	0.750	3.000	ND	ND		
Terpinolene	0.750	3.000	1506.294	1.506		
Total			29623.020	29.623	2.962 %	



Primary Aromas







Pine



Herbal



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



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