

PharmLabs San Diego **Certificate of Analysis**



Sample **Biscotti Live Resin delta 8**

Delta9 THC UI	THCa ND	Total THC (THCa * 0.877 + THC) UI	Delta8 THC 89.32%
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Sample ID SD220809-032 (50868)	Matrix Extract (Inhalable Cannabis Good)
Tested for Pops Premium Hemp	
Sampled -	Received Aug 08, 2022
Analyses executed CAN+	Reported Aug 11, 2022

Laboratory note: The estimated concentration of the unknown peak in the sample is 7.0% | Currently PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated D8 products) from which we believe to be either (+)delta-THC or d9-THC. At this time there are no reference standards available for (+)delta-THC. (+)delta-THC is a different compound from the main (-)delta-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)delta-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)delta-THC and d9-THC with the majority, if not all, of the concentration being (+)delta-THC. Total cannabinoids is estimated to be 96.3%.

CAN+ - Cannabinoids Analysis

Analyzed **Aug 11, 2022** | Instrument **HPLC-VWD** | Method **SOP-001**
 The expanded Uncertainty of the Cannabinoid analysis is approximately **±7.806%** at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Sample photography
Cannabidiol (CBD)	0.039	0.16	ND	ND	
Cannabidiol Acid (CBDA)	0.001	0.16	ND	ND	
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND	
Cannabigerol (CBG)	0.001	0.16	ND	ND	
Cannabidiol (CBD)	0.001	0.16	ND	ND	
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	
Cannabinol (CBN)	0.001	0.16	ND	ND	
Tetrahydrocannabinol (delta-9-THC)	0.003	0.16	UI	UI	
delta-8-tetrahydrocannabinol (delta-8-THC)	0.004	0.16	89.32	893.24	
Cannabicyclol (CBL)	0.002	0.16	ND	ND	
Cannabichromene (CBC)	0.002	0.16	ND	ND	
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	
Total THC (THCa * 0.877 + delta9THC)			UI	UI	
Total THC + delta8THC (THCa * 0.877 + delta9THC + delta8THC)			89.32	893.24	
Total CBD (CBDA * 0.877 + CBD)			ND	ND	
Total CBG (CBGA * 0.877 + CBG)			ND	ND	
Total Cannabinoids Analyzed			89.32	893.24	



UI Unidentified
 ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



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Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
 Thu, 11 Aug 2022 13:37:07 -0700

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PharmLabs San Diego **Certificate of Analysis**



Sample **The MAC Live Resin Delta 8**

Delta9 THC UI THCa ND Total THC (THCa * 0.877 + THC) UI Delta8 THC **987.82%**

Sample ID SD230112-013 (54064)	Matrix Concentrate (Inhalable Cannabis Good)
Tested for Pops Premium Hemp	
Sampled -	Received Jan 11, 2023
Analyses executed CAN+	Reported Jan 12, 2023
	Unit Mass (g) 2.0

Laboratory note: The estimated concentration of the unknown peak in the sample is 2.55% | Currently PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated D8 products) from which we believe to be either (+)δ8-THC or d9-THC. At this time there are no reference standards available for (+)δ8-THC. (+)δ8-THC is a different compound from the main (-)δ8-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)δ8-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)δ8-THC and d9-THC with the majority, if not all, of the concentration being (+)δ8-THC. Total (+/-) D8 Concentration is estimated to be: 98.76%

CAN+ - Cannabinoids Analysis

Analyzed Jan 12, 2023 | Instrument HPLC-VWD | Method SOP-001
The expanded Uncertainty of the Cannabinoid analysis is approximately **±7.806%** at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Unit	Sample photography
Cannabidiol (CBD)	0.039	0.16	ND	ND	ND	
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND	ND	
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND	ND	
Cannabigerol (CBG)	0.001	0.16	ND	ND	ND	
Cannabidiol (CBD)	0.001	0.16	0.31	3.11	6.22	
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	ND	
Cannabinol (CBN)	0.001	0.16	0.21	2.13	4.27	
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI	UI	
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	98.78	987.82	1975.64	
Cannabicyclol (CBL)	0.002	0.16	ND	ND	ND	
Cannabichromene (CBC)	0.002	0.16	ND	ND	ND	
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	ND	
Total THC (THCa * 0.877 + Δ9THC)			UI	UI	UI	
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			98.78	987.82	1975.64	
Total CBD (CBDa * 0.877 + CBD)			0.31	3.11	6.22	
Total CBG (CBGa * 0.877 + CBG)			ND	ND	ND	
Total Cannabinoids Analyzed			99.31	993.06	1986.12	



UI Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count



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Brandon Starr, Lab Manager
Thu, 12 Jan 2023 11:26:12 -0800

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PharmLabs San Diego Certificate of Analysis



Sample **Sour Haze Live Resin delta 8**

Delta9 THC **UI** THCa **ND** Total THC (THCa * 0.877 + THC) **UI** Delta8 THC **92.03%**

Sample ID SD220809-030 (50866)	Matrix Extract (Inhalable Cannabis Good)
Tested for Pops Premium Hemp	
Sampled -	Received Aug 08, 2022
Analyses executed CAN+	Reported Aug 11, 2022

Laboratory note: The estimated concentration of the unknown peak in the sample is 7.0% | Currently PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated D8 products) from which we believe to be either (+)delta8-THC or d9-THC. At this time there are no reference standards available for (+)delta8-THC. (+)delta8-THC is a different compound from the main (-)delta8-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)delta8-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)delta8-THC and d9-THC with the majority, if not all, of the concentration being (+)delta8-THC. Total cannabinoids is estimated to be 99.0%.

CAN+ - Cannabinoids Analysis

Analyzed Aug 11, 2022 | Instrument HPLC-VWD | Method SOP-001
 The expanded Uncertainty of the Cannabinoid analysis is approximately **±7.806%** at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Sample photography
Cannabidiol (CBD)	0.039	0.16	ND	ND	
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND	
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND	
Cannabigerol (CBG)	0.001	0.16	ND	ND	
Cannabidiol (CBD)	0.001	0.16	ND	ND	
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	
Cannabinol (CBN)	0.001	0.16	ND	ND	
Tetrahydrocannabinol (delta9-THC)	0.003	0.16	UI	UI	
delta8-tetrahydrocannabinol (delta8-THC)	0.004	0.16	92.03	920.26	
Cannabicyclol (CBL)	0.002	0.16	ND	ND	
Cannabichromene (CBC)	0.002	0.16	ND	ND	
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	
Total THC (THCa * 0.877 + delta9THC)			UI	UI	
Total THC + delta8THC (THCa * 0.877 + delta9THC + delta8THC)			92.03	920.26	
Total CBD (CBDa * 0.877 + CBD)			ND	ND	
Total CBG (CBGa * 0.877 + CBG)			ND	ND	
Total Cannabinoids Analyzed			92.03	920.26	



UI Unidentified
 ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



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PharmLabs San Diego **Certificate of Analysis**



Sample **White Runtz Live Resin delta 8**

Delta9 THC **UI** THCa **ND** Total THC (THCa * 0.877 + THC) **UI** Delta8 THC **91.77%**

Sample ID SD220809-031 (50867)	Matrix Extract (Inhalable Cannabis Good)
Tested for Pops Premium Hemp	
Sampled -	Received Aug 08, 2022
Analyses executed CAN+	Reported Aug 11, 2022

Laboratory note: The estimated concentration of the unknown peak in the sample is 7.0% | Currently PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated D8 products) from which we believe to be either (+)delta8-THC or d9-THC. At this time there are no reference standards available for (+)delta8-THC. (+)delta8-THC is a different compound from the main (-)delta8-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)delta8-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)delta8-THC and d9-THC with the majority, if not all, of the concentration being (+)delta8-THC. Total cannabinoids is estimated to be 98.8%.

CAN+ - Cannabinoids Analysis

Analyzed **Aug 11, 2022** | Instrument **HPLC-VWD** | Method **SOP-001**
 The expanded Uncertainty of the Cannabinoid analysis is approximately **±7.806%** at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Sample photography
Cannabidiol (CBD)	0.039	0.16	ND	ND	
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND	
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND	
Cannabigerol (CBG)	0.001	0.16	ND	ND	
Cannabidiol (CBD)	0.001	0.16	ND	ND	
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	
Cannabinol (CBN)	0.001	0.16	ND	ND	
Tetrahydrocannabinol (delta9-THC)	0.003	0.16	UI	UI	
delta8-tetrahydrocannabinol (delta8-THC)	0.004	0.16	91.77	917.68	
Cannabicyclol (CBL)	0.002	0.16	ND	ND	
Cannabichromene (CBC)	0.002	0.16	ND	ND	
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	
Total THC (THCa * 0.877 + delta9THC)			UI	UI	
Total THC + delta8THC (THCa * 0.877 + delta9THC + delta8THC)			91.77	917.68	
Total CBD (CBDa * 0.877 + CBD)			ND	ND	
Total CBG (CBGa * 0.877 + CBG)			ND	ND	
Total Cannabinoids Analyzed			91.77	917.68	



UI Unidentified
 ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



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