

Hemp Potency Analysis by
High Performance Liquid Chromatography

Testing Accreditation #: 77802

Test Certificate #: 145062-001

Client Name, Sample Details
 Lost Distribution
 8 The Green, Dover, DE 19901
Sample: THCA 1g Dabs Alaskan Thunder
 Batch #P-99827 **License:** HPHL002248
Type: Concentrate
Method: FE04U12 HPLC-UV

Test Conditions
Prepsheet ID#: MIP240118a
Scale: XS205-MI2
Temp: 22.6 °C
Baro Pressure: 958.6 hPa
Analyst: MEH
Technician: ARH

Sample ID#: 145062
Harvest/Process Date: 01/17/2024
Serving Size (g): 1
Date Received: 01/17/2024
Test Date: 01/18/2024
Valid Through: 01/18/2025
Report Issued: 01/25/2024



Test Compounds	Δ9-THC	THCA	Δ8-THC	CBD	CBDA	CBG	CBGA	CBN	CBC	CBL	THCV	CBDV	Total Cannabinoids*	Total THCA	Total CBD	Calc Max Total Cannabinoids*
Amount (%)	N/D	99.7	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	99.7	99.7	0.0	87.5
Amount (mg/g)	N/D	997.4	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	997.4	997.4	0.0	874.7
Amount per Serving (mg)	N/D	997.4	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	997.4	Serving Size~ (g):		1.0
LOQ (mg/g)	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8			THC	CBD
±%RPD	0.04%	0.09%	0.27%	0.67%	0.45%	0.09%	0.29%	1.36%	0.06%	0.61%	3.53%	0.03%		%Decarb.	0%	N/A

LOQ = Limit of Quantitation; %RPD = Relative Percent Deviation; %RSD = Relative Standard Deviation; N/D = Not Detected

*Designates values that are not currently included in the accredited scope of Iron Laboratories.

*** Designates tests that use the method FE-45. FE-45 is performed using AOAC 966.02 and 32.004-32.009.

FE-45 has relative expanded (k=2) uncertainties of 1.098% for moisture, 1.754% for water activity for unprocessed plant materials, and 13.102% for water activity for infused products.

Vitamin E acetate analysis has a relative expanded (k=2) uncertainty of 18.614%.

Total THC and CBD is the calculated sum of Δ9-THC and Δ8-THC or CBD plus the amount of THC or CBD derived from THCA or CBDA, respectively.

These values are calculated by applying a molar correction factor of 0.877 to the THCA or the CBDA value.

Calc Max Total Cannabinoids is the sum of Total THC, Total CBD, CBN, Total CBG, CBC, THCV, CBDV, and CBL.

Total CBG is calculated as CBG plus CBGA*0.878 (the molar correction factor for CBGA to CBG conversion).

%Decarb. THC and CBD refer to the percentage of Δ9-THC or CBD relative to THCA or CBDA, respectively

This sample has undergone random sampling and has been tested for hemp compliant, batch representative testing. Results apply to the sample as received.

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Amanda Heisler

Amanda Heisler, Lab Manager



Mac Hyman

Mackenzie E. Hyman, Quality Manager

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Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390

Testing Accreditation #: 77802

Test Certificate #: 145063-001

Client Name, Sample Details
 Lost Distribution
 8 The Green, Dover, DE 19901 **Sample:**
 THCA 1g Dabs Gelato #41
 Batch #P-99839 **License:** HPHL002248
Type: Concentrate
Method: FE04U12 HPLC-UV

Test Conditions
Prepsheet ID#: MIP240118b
Scale: XS205-MI2
Temp: 22.6 °C
Baro Pressure: 958.6 hPa
Analyst: MEH
Technician: ARH

Sample ID#: 145063
Harvest/Process Date: 01/17/2024
Serving Size (g): 1
Date Received: 01/17/2024
Test Date: 01/18/2024
Valid Through: 01/18/2025
Report Issued: 01/25/2024



Test Compounds	Δ9-THC	THCA	Δ8-THC	CBD	CBDA	CBG	CBGA	CBN	CBC	CBL	THCV	CBDV	Total Cannabinoids*	Total THCA	Total CBD	Calc Max Total Cannabinoids*
Amount (%)	N/D	88.3	N/D	N/D	N/D	N/D	1.2	N/D	N/D	0.3	N/D	N/D	89.8	88.3	0.0	79.2
Amount (mg/g)	N/D	882.7	N/D	N/D	N/D	N/D	12.01	N/D	N/D	3.3	N/D	N/D	898.01	882.7	0.0	791.6
Amount per Serving (mg)	N/D	882.7	N/D	N/D	N/D	N/D	12.01	N/D	N/D	3.3	N/D	N/D	898.0	Serving Size~ (g):		1.0
LOQ (mg/g)	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72		%Decarb.	THC	CBD
±%RPD	1.80%	0.62%	1.13%	0.46%	0.65%	0.18%	0.17%	2.11%	0.53%	0.28%	0.34%	0.71%			N/A	N/A

LOQ = Limit of Quantitation; %RPD = Relative Percent Deviation; %RSD = Relative Standard Deviation; N/D = Not Detected

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FE-45 has relative expanded (k=2) uncertainties of 1.098% for moisture, 1.754% for water activity for unprocessed plant materials, and 13.102% for water activity for infused products.

Vitamin E acetate analysis has a relative expanded (k=2) uncertainty of 18.614%.

Total THC and CBD is the calculated sum of Δ9-THC and Δ8-THC or CBD plus the amount of THC or CBD derived from THCA or CBDA, respectively.

These values are calculated by applying a molar correction factor of 0.877 to the THCA or the CBDA value.

Calc Max Total Cannabinoids is the sum of Total THC, Total CBD, CBN, Total CBG, CBC, THCV, CBDV, and CBL.

Total CBG is calculated as CBG plus CBGA*0.878 (the molar correction factor for CBGA to CBG conversion).

%Decarb. THC and CBD refer to the percentage of Δ9-THC or CBD relative to THCA or CBDA, respectively.

This sample has undergone random sampling and has been tested for hemp compliant, batch representative testing. Results apply to the sample as received.

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Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390

Testing Accreditation #: 77802

Test Certificate #: 145060-001

Client Name, Sample Details
Lost Distribution
 8 The Green, Dover, DE 19901
Sample: THCA 1g Dabs Blue Dream
Batch #P-98673 License: HPHL002248
Type: Concentrate
Method: FE04U12 HPLC-UV

Test Conditions
Prepsheet ID#: MIP240118a
Scale: XS205-MI2
Temp: 22.6 °C
Baro Pressure: 958.6 hPa
Analyst: MEH
Technician: ARH

Sample ID#: 145060
Harvest/Process Date: 01/17/2024
Serving Size (g): 1
Date Received: 01/17/2024
Test Date: 01/18/2024
Valid Through: 01/18/2025
Report Issued: 01/25/2024



Test Compounds	Δ9-THC	THCA	Δ8-THC	CBD	CBDA	CBG	CBGA	CBN	CBC	CBL	THCV	CBDV	Total Cannabinoids*	Total THCA	Total CBD	Calc Max Total Cannabinoids*
Amount (%)	N/D	86.7	N/D	N/D	N/D	N/D	0.7	N/D	N/D	1.2	N/D	N/D	88.5	86.7	0.0	78.2
Amount (mg/g)	N/D	866.8	N/D	N/D	N/D	N/D	6.94	N/D	N/D	11.5	N/D	N/D	885.24	866.8	0.0	782.0
Amount per Serving (mg)	N/D	866.8	N/D	N/D	N/D	N/D	6.94	N/D	N/D	11.5	N/D	N/D	885.2	Serving Size~ (g):		1.0
LOQ (mg/g)	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85		%Decarb.	THC	CBD
±%RPD	0.04%	0.09%	0.27%	0.67%	0.45%	0.09%	0.29%	1.36%	0.06%	0.61%	3.53%	0.03%			4	N/A

LOQ = Limit of Quantitation; %RPD = Relative Percent Deviation; %RSD = Relative Standard Deviation; N/D = Not Detected

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*** Designates tests that use the method FE-45. FE-45 is performed using AOAC 966.02 and 32.004-32.009.

FE-45 has relative expanded (k=2) uncertainties of 1.098% for moisture, 1.754% for water activity for unprocessed plant materials, and 13.102% for water activity for infused products.

Vitamin E acetate analysis has a relative expanded (k=2) uncertainty of 18.614%.

Total THC and CBD is the calculated sum of Δ9-THC and Δ8-THC or CBD plus the amount of THC or CBD derived from THCA or CBDA, respectively.

These values are calculated by applying a molar correction factor of 0.877 to the THCA or the CBDA value.

Calc Max Total Cannabinoids is the sum of Total THC, Total CBD, CBN, Total CBG, CBC, THCV, CBDV, and CBL.

Total CBG is calculated as CBG plus CBGA*0.878 (the molar correction factor for CBGA to CBG conversion).

%Decarb. THC and CBD refer to the percentage of Δ9-THC or CBD relative to THCA or CBDA, respectively.

This sample has undergone random sampling and has been tested for hemp compliant, batch representative testing. Results apply to the sample as received.

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Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390

Hemp Potency Analysis by
High Performance Liquid Chromatography

Testing Accreditation #: 77802

Test Certificate #: 145064-001

Client Name, Sample Details
Lost Distribution
 8 The Green, Dover, DE 19901
Sample: THCA 1g Dabs Strawberry Cough
 Batch #P-99827 **License:** HPHL002248
Type: Concentrate
Method: FE04U12 HPLC-UV

Test Conditions
Prepsheet ID#: MIP240118b
Scale: XS205-MI2
Temp: 22.6 °C
Baro Pressure: 958.6 hPa
Analyst: MEH
Technician: ARH

Sample ID#: 145064
Harvest/Process Date: 01/17/2024
Serving Size (g): 1
Date Received: 01/17/2024
Test Date: 01/18/2024
Valid Through: 01/18/2025
Report Issued: 01/25/2024



Test Compounds	Δ9-THC	THCA	Δ8-THC	CBD	CBDA	CBG	CBGA	CBN	CBC	CBL	THCV	CBDV	Total Cannabinoids*	Total THCA	Total CBD	Calc Max Total Cannabinoids*
Amount (%)	N/D	98.4	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	98.4	98.4	0.0	86.3
Amount (mg/g)	N/D	983.8	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	983.8	983.8	0.0	862.8
Amount per Serving (mg)	N/D	983.8	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	983.8	Serving Size~ (g):		1.0
LOQ (mg/g)	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68			THC	CBD
±%RPD	1.80%	0.62%	1.13%	0.46%	0.65%	0.18%	0.17%	2.11%	0.53%	0.28%	0.34%	0.71%		%Decarb.	0%	N/A

LOQ = Limit of Quantitation; %RPD = Relative Percent Deviation; %RSD = Relative Standard Deviation; N/D = Not Detected

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FE-45 has relative expanded (k=2) uncertainties of 1.098% for moisture, 1.754% for water activity for unprocessed plant materials, and 13.102% for water activity for infused products.

Vitamin E acetate analysis has a relative expanded (k=2) uncertainty of 18.614%.

Total THC and CBD is the calculated sum of Δ9-THC and Δ8-THC or CBD plus the amount of THC or CBD derived from THCA or CBDA, respectively.

These values are calculated by applying a molar correction factor of 0.877 to the THCA or the CBDA value.

Calc Max Total Cannabinoids is the sum of Total THC, Total CBD, CBN, Total CBG, CBC, THCV, CBDV, and CBL.

Total CBG is calculated as CBG plus CBGA*0.878 (the molar correction factor for CBGA to CBG conversion).

%Decarb. THC and CBD refer to the percentage of Δ9-THC or CBD relative to THCA or CBDA, respectively.

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Testing Accreditation #: 77802

Test Certificate #: 145061-001

Client Name, Sample Details
 Lost Distribution
 8 The Green, Dover, DE 19901
Sample: THCA 1g Dabs Cherry Zlushie
 Batch #P-83319 **License:** HPHL002248
Type: Concentrate
Method: FE04U12 HPLC-UV

Test Conditions
Prepsheet ID#: MIP240118a
Scale: XS205-MI2
Temp: 22.6 °C
Baro Pressure: 958.6 hPa
Analyst: MEH
Technician: ARH

Sample ID#: 145061
Harvest/Process Date: 01/17/2024
Serving Size (g): 1
Date Received: 01/17/2024
Test Date: 01/18/2024
Valid Through: 01/18/2025
Report Issued: 01/25/2024



Test Compounds	Δ9-THC	THCA	Δ8-THC	CBD	CBDA	CBG	CBGA	CBN	CBC	CBL	THCV	CBDV	Total Cannabinoids*	Total THCA	Total CBD	Calc Max Total Cannabinoids*
Amount (%)	N/D	99.2	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	99.2	99.2	0.0	87.0
Amount (mg/g)	N/D	991.7	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	991.7	991.7	0.0	869.7
Amount per Serving (mg)	N/D	991.7	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	991.7	Serving Size~ (g):		1.0
LOQ (mg/g)	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86			THC	CBD
±%RPD	0.04%	0.09%	0.27%	0.67%	0.45%	0.09%	0.29%	1.36%	0.06%	0.61%	3.53%	0.03%		%Decarb.	0%	N/A

LOQ = Limit of Quantitation; %RPD = Relative Percent Deviation; %RSD = Relative Standard Deviation; N/D = Not Detected
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 Total CBG is calculated as CBG plus CBGA*0.878 (the molar correction factor for CBGA to CBG conversion).
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