



Certificate of Analysis

Provided for quality control or research and development purposes.

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Sammie Rizk
11575 SW Pacific Highway
Tigard, OR 97223
bluestarhemp596@gmail.com
(503) 716-7329
Lic. #

Sample: 2605CH0094.0520

Strain: Dark Matter Kush
Batch#: ; Batch Size: g
Sample Received: 05/05/2026; Report Created: 05/11/2026
Harvest/Production Date:
Sampling: Random; Environment: Room Temp

Dark Matter Kush (Batch 404)

Plant, Hemp
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Analyte	Analyte
THCa	CBDV
Δ9-THC	CBN
Δ8-THC	CBGa
THCV	CBG
CBDa	CBC
CBD	

Cannabinoids

2192 HPLC3 20260506-4
05/06/2026
METRC THC RPD Status: Tested ;
METRC CBD RPD Status: Tested ; METRC Δ8-THC RPD Status: Tested

Pass

<LOQ	0.13%
THCa	Δ9-THC

Analyte	LOQ	Mass	Mass
	mg/g	mg/g	%
THCa	0.5	<LOQ	<LOQ
Δ9-THC	0.5	1.3	0.13
Δ8-THC	0.5	<LOQ	<LOQ
THCV	0.5	<LOQ	<LOQ
CBDa	0.5	36.4	3.64
CBD	0.5	34.6	3.46
CBDV	0.5	<LOQ	<LOQ
CBN	0.5	<LOQ	<LOQ
CBGa	0.5	0.9	0.09
CBG	0.5	0.7	0.07
CBC	0.5	2.1	0.21
Total		75.9	7.59

7.59%
Total Cannabinoids Analyzed

Method: CH SOP 4400
*Total THC = THCa * 0.877 + d9-THC. **Total CBD = CBDa * 0.877 + CBD. LOQ = Limit of Quantification; NR = Not Reported; ND = Not Detected
>ULOQ = above upper LOQ. ChemHistory estimates its internal laboratory uncertainty acceptance limits to be 7% for sample cannabinoid potency results.



5691 SE International Way
Portland, OR
(503) 305-5252
http://chemhistory.com
Lic# OLCC 010-1002015CA5E ORELAP 4057

Patrick Trujillo
Laboratory Director

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coa.support@confidentlims.com
(866) 506-5866
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Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Analyte



Cannabinoids

2192 HPLC3 20260506-4
05/06/2026 | METRC THC RPD Status: Tested ; METRC CBD RPD Status: Tested ; METRC Δ8-THC RPD Status: Tested

Pass

0.13%

Total THC* (Calculated Decarboxylated Potential)

6.66%

Total CBD** (Calculated Decarboxylated Potential)

7.59%

Total Cannabinoids Analyzed

Moisture	Water Activity
5.5%	NR
15.0 Limit	0.655 Limit

Microbial Potential

Analyte	LOQ	Mass	Mass
	mg/g	%	mg/g
THCa	0.5	<LOQ	<LOQ
Δ9-THC	0.5	0.13	1.3
Δ8-THC	0.5	<LOQ	<LOQ
THCV	0.5	<LOQ	<LOQ
CBDa	0.5	3.64	36.4
CBD	0.5	3.46	34.6
CBDV	0.5	<LOQ	<LOQ
CBN	0.5	<LOQ	<LOQ
CBGa	0.5	0.09	0.9
CBG	0.5	0.07	0.7
CBC	0.5	0.21	2.1
Total		7.59	75.9

Method: CH SOP 4400
*Total THC = THCa * 0.877 + d9-THC. **Total CBD = CBDa * 0.877 + CBD. LOQ = Limit of Quantification; NR = Not Reported; ND = Not Detected
>ULOQ = above upper LOQ. ChemHistory estimates its internal laboratory uncertainty acceptance limits to be 7% for sample cannabinoid potency results.



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Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Quality Control Data

Analytical Batch ID	QC Sample ID	Assay Name	QC Category Name
2192 HPLC3 20260506-4	PMB05052604F	Cannabinoids	Sample Duplicate

QC Notes

None

Compound	Blank	LCS Result	LCS (Expected)	LOQ	Matrix Duplicate	Sample Matrix	Matrix Spike % Rec.	LCS % Rec.	Acceptance Criteria	Units
THCa	0	5	5.41	0.05	0	0.13	93.793	92.421	90%-110%	%
Δ9-THC	0	6.4	6.25	0.05	0.13	0.13	100	102.4	90%-110%	%
CBDa	0	4.61	4.75	0.05	3.67	3.75	97.436	97.053	90%-110%	%
CBD	0	3.82	3.67	0.05	3.57	3.55	102.112	104.087	90%-110%	%
Δ8-THC	0	0	0	0.05	0	0	103.571	ERR	90%-110%	%



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