



# Certificate of Analysis

Provided for quality control or research and development purposes.

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**Sammie Rizk**  
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(503) 716-7329  
Lic. #

**Sample: 2605CH0094.0514**

Strain: Black Sugar (CBG)  
Batch#: ; Batch Size: g  
Sample Received: 05/05/2026; Report Created: 05/11/2026  
Harvest/Production Date:  
Sampling: Random; Environment: Room Temp

**Black Sugar (Batch 404)**  
Plant, Hemp  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Analyte	Analyte
THCa	CBDV
$\Delta$ 9-THC	CBN
$\Delta$ 8-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  $\Delta$ 8-THC RPD Status: Tested

Pass

<b>&lt;LOQ</b>	<b>&lt;LOQ</b>
THCa	$\Delta$ 9-THC

Analyte	LOQ	Mass	Mass
	mg/g	mg/g	%
THCa	0.5	<LOQ	<LOQ
$\Delta$ 9-THC	0.5	<LOQ	<LOQ
$\Delta$ 8-THC	0.5	<LOQ	<LOQ
THCV	0.5	<LOQ	<LOQ
CBDa	0.5	1.5	0.15
CBD	0.5	1.2	0.12
CBDV	0.5	<LOQ	<LOQ
CBN	0.5	<LOQ	<LOQ
CBGa	0.5	28.8	2.88
CBG	0.5	2.3	0.23
CBC	0.5	0.8	0.08
<b>Total</b>		<b>34.6</b>	<b>3.46</b>

<b>3.46%</b>
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.



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**Black Sugar (Batch 404)**  
Plant, Hemp  
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Analyte	Value
THCa	<LOQ
Δ9-THC	<LOQ
Δ8-THC	<LOQ
THCV	<LOQ
CBDa	1.5
CBD	1.2
CBDV	<LOQ
CBN	<LOQ
CBGa	2.88
CBG	2.3
CBC	0.8

## 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**  
Total THC\* (Calculated Decarboxylated Potential)

**0.25%**  
Total CBD\*\* (Calculated Decarboxylated Potential)

**3.46%**  
Total Cannabinoids Analyzed

Moisture	Water Activity
<b>6.8%</b> 15.0 Limit	<b>NR</b> 0.655 Limit
Microbial Potential	

Analyte	LOQ	Mass	Mass
	mg/g	%	mg/g
THCa	0.5	<LOQ	<LOQ
Δ9-THC	0.5	<LOQ	<LOQ
Δ8-THC	0.5	<LOQ	<LOQ
THCV	0.5	<LOQ	<LOQ
CBDa	0.5	0.15	1.5
CBD	0.5	0.12	1.2
CBDV	0.5	<LOQ	<LOQ
CBN	0.5	<LOQ	<LOQ
CBGa	0.5	2.88	28.8
CBG	0.5	0.23	2.3
CBC	0.5	0.08	0.8
<b>Total</b>		<b>3.46</b>	<b>34.6</b>

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  
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**Black Sugar (Batch 404)**  
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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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