

CBG Sunset Flower

IHC. LLC
 AG-R1074157IHH
 431 NW Flanders st, Portland OR, 97209
 6106081643

Harvest/Process Date: 11/25/2021
 Sample Date: 1/24/2022
 Analysis Date: 1/26/2022
 Report Date: 1/31/2022
 Report ID: LS-220131-43

Client Batch ID: 11ISO204
 Metrc Batch ID:
 Metrc Sample ID:

Sample Type: Usable Hemp
 Sample Plan:
 Sample Procedure:
 160721_LAB-SOP_SampleCollection-v010

Potency

Potency Analysis Date: 1/26/2022
 Potency Batch ID: CAN_012622D
 Potency Method: JAOAC 2015.1

0.179%


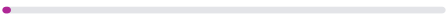
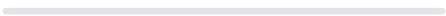
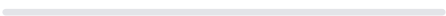
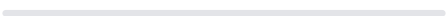

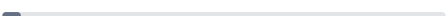

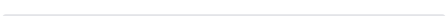




Total
THC

ND

Total
CBD

Samples: TDT-WNT-BRD



Analyte	Description	LOQ	RPD	Min.	Max.	Conc.	Unit: %
Δ9THC	Delta-9 Tetrahydrocannabinol	0.0010	-	-	-	0.0738	
THCA	Tetrahydrocannabinolic acid	0.0010	-	-	-	0.120	
CBD	Cannabidiol	0.0010	-	-	-	ND	
CBDA	Cannabidiolic acid	0.0010	-	-	-	ND	
Δ8THC	Delta-8 Tetrahydrocannabinol*	0.0010	-	-	-	ND	
THCV	Tetrahydrocannabivarin*	0.0010	-	-	-	ND	
CBG	Cannabigerol*	0.0010	-	-	-	0.361	
CBGA	Cannabigerolic acid*	0.0010	-	-	-	9.88	
CBC	Cannabichromene*	0.0010	-	-	-	ND	
CBCA	Cannabichromenic acid*	0.0010	-	-	-	ND	
CBN	Cannabinol*	0.0010	-	-	-	<LOQ	
Total THC	Δ9THC + (THCA × 0.877)		-	-	-	0.179	
Total CBD	CBD + (CBDA × 0.877)		-	-	-	ND	
Total			-	-	-	10.4	



Aaron Troyer
 Chief Science Officer

This data cannot be used for OLCC or OHA compliance for usable marijuana or marijuana products and is provided for Research and Development purposes only.



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Potency Quality Control Data

Potency QC Analysis Date: 1/26/2022
 Potency QC Batch ID: CAN_012622D

Method: JAOAC 2015.1
 Unit: µg/g (ppm)

Analyte	Blank	LOQ	LCS	LCS Spike	LCS Rec (%)	Limits (%)	Notes
Δ9THC	ND	0.0010	21.2	21.0	101	80 - 120	
THCA	ND	0.0010	21.9	21.4	103	80 - 120	
CBD	ND	0.0010	24.0	23.0	104	80 - 120	
CBDA	ND	0.0010	19.6	19.5	100	80 - 120	

POTENCY - LIMIT OF DETECTION

Verified: 060221

Method: 160819_LAB-SOP_MethodValidation-CannabinoidPotency-v002.docx

Matrix	Analyte	LOD (ppm)	LOD (mg/g)
EXTRACT	Δ9THC	2.8	0.0028
	THCA	0.56	0.00056
	CBD	2.22	0.00222
	CBDA	0.52	0.00052
FLOWER	Δ9THC	1.88	0.00188
	THCA	5.32	0.00532
	CBD	1.31	0.00131
	CBDA	0.78	0.00078

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Terpene Analysis Date: 1/28/2022
 Terpene Batch ID: TRP_012822A

Method: JAOAC 2015.1
 Unit: %

Analyte	Avg.	Notes	Analyte	Avg.	Notes
α-Bisabolol	0.340%	<div style="width: 34%;"></div>	Valencene	ND	
Guaiol	0.324%	<div style="width: 32.4%;"></div>	cis-Nerolidol	ND	
β-Caryophyllene	0.246%	<div style="width: 24.6%;"></div>	trans-Nerolidol	ND	
Humulene	0.190%	<div style="width: 19%;"></div>	Δ3-Carene	ND	
Caryophyllene Oxide	0.0558%	<div style="width: 5.58%;"></div>	α-Cedrene	ND	
Linalool	0.0389%	<div style="width: 3.89%;"></div>	α-OCimene	ND	
Limonene	0.0263%	<div style="width: 2.63%;"></div>	α-Phellandrene	ND	
Borneol	0.0205%	<div style="width: 2.05%;"></div>	α-Terpinene	ND	
Fenchol	0.0156%	<div style="width: 1.56%;"></div>	α-Terpineol	ND	
β-Myrcene	0.00973%	<div style="width: 0.973%;"></div>	β-Farnesene 1	ND	
β-Pinene	0.00396%	<div style="width: 0.396%;"></div>	β-Farnesene 2	ND	
α-Pinene	0.00300%	<div style="width: 0.3%;"></div>	β-OCimene	ND	
Camphore	0.00257%	<div style="width: 0.257%;"></div>	γ-Terpinene	ND	
Fenchone	0.00224%	<div style="width: 0.224%;"></div>	γ-Terpineol	ND	
Camphene	0.00146%	<div style="width: 0.146%;"></div>	Total	1.28%	
Azulene	ND				
Cedrol	ND				
Cymene	ND				
Eucalyptol	ND				
Geraniol	ND				
Geranyl Acetate	ND				
Isoborneol	ND				
Isopulegol	ND				
Nerol	ND				
Pulegone	ND				
Sabinene	ND				
Sabinene Hydrate	ND				
Selinadiene	ND				
Terpinolene	ND				

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Qualifier Flag Descriptions

J	Reported result is an estimate - the value is less than the minimum calibration level but greater than the estimated detection limit (EDL)
U	The analyte was not detected in the sample at the estimated detection limit (EDL)
E	Exceeds calibration range
D	Dilution data - result was obtained from the analysis of a dilution
B	Analyte found in sample and associated blank
C	Co-eluting compound
R	Relative Percent Difference (RPD) outside control limits
NR	Analyte not reported because of problems in sample preparation or analysis
ND	Non-Detect
X	Results from reinjection/repeat/re-column data
EMC	Estimated maximum possible concentration - indicates that a peak is detected but did not meet the method required criteria
M	Manual integration
PS	Peaks split
HB	Control acceptance criteria are exceeded high and the associated sample is below the detection limit
LB	Control acceptance criteria are exceeded low and the associated sample exceeds the regulatory limit
ME	Marginal Exceedance
LR	Low Recovery Analyte
LOQ	Limit of Quantitation