



Green Leaf Lab®

12025 NE Marx St. Portland, OR 97220
503-253-3511 / www.greenleflabs.com
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Quality Control Testing Official Report

Bubba Kush + CBG Kief

Sample ID: G1F0027-01

Matrix: Industrial Hemp

Test ID: 5014227

Source ID:

Date Sampled: 06/01/21

Date Accepted: 06/01/21

Great Harvest Logistics

Results at a Glance

Total THC : 0.4258 %

Total CBD : 13.22 %

Total CBG : 1.243 %



ISO 17025
ACCREDITED
LABORATORY

Brittany Wiemer

Brittany Wiemer
Quality Officer - 6/4/2021

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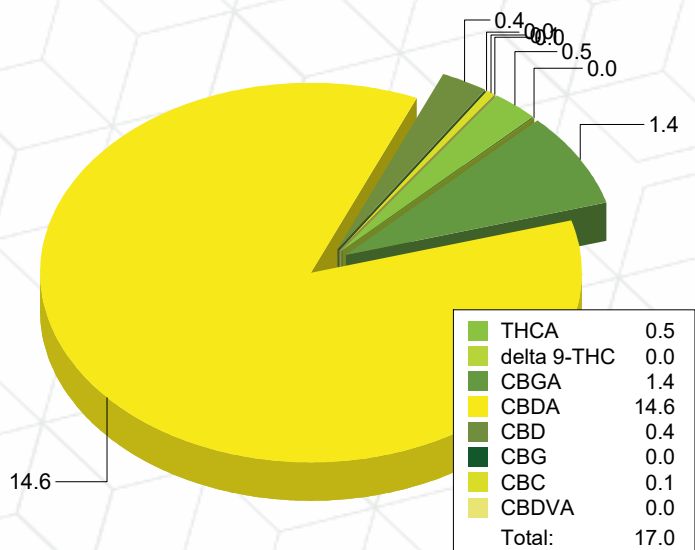
Potency Analysis

Date/Time Extracted: 06/02/21 13:54

Analysis Method/SOP: 215

Batch Identification: 2123024

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.009080	0.4258	4.258	
Total CBD	0.008300	13.22	132.2	
Total CBG	7.900E-4	1.243	12.43	
THCA	0.002920	0.4583	4.583	
delta 9-THC	0.009080	0.02386	0.2386	
delta 8-THC	0.004490	< LOQ	< LOQ	
THCV	0.005055	< LOQ	< LOQ	
THCVA	0.001885	< LOQ	< LOQ	
CBD	0.006220	0.4366	4.366	
CBDA	0.008300	14.58	145.8	
CBDV	0.005000	< LOQ	< LOQ	
CBDVA	0.001640	0.01011	0.1011	
CBN	0.002990	< LOQ	< LOQ	
CBG	7.900E-4	0.03348	0.3348	
CBGA	7.900E-4	1.378	13.78	
CBC	0.008965	0.07060	0.706	



Total THC = delta 9-THC + (THCA * 0.877)

Total CBD = CBD + (CBDA * 0.877)

Total CBG = CBG + (CBGA * 0.878)

LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.



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Quality Control Potency

Batch: 2123024 - 215-Hemp

Blank(2123024-BLK1)							
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	< LOQ	0.001460	%		06/02/21 13:54	06/03/21 04:03	
delta 9-THC	< LOQ	0.004540	%		06/02/21 13:54	06/03/21 04:03	
delta 8-THC	< LOQ	0.002245	%		06/02/21 13:54	06/03/21 04:03	
THCV	< LOQ	0.002528	%		06/02/21 13:54	06/03/21 04:03	
THCVA	< LOQ	9.425E-4	%		06/02/21 13:54	06/03/21 04:03	
CBD	< LOQ	7.775E-4	%		06/02/21 13:54	06/03/21 04:03	
CBDA	< LOQ	0.001038	%		06/02/21 13:54	06/03/21 04:03	
CBDV	< LOQ	0.002500	%		06/02/21 13:54	06/03/21 04:03	
CBDVA	< LOQ	8.200E-4	%		06/02/21 13:54	06/03/21 04:03	
CBN	< LOQ	0.001495	%		06/02/21 13:54	06/03/21 04:03	
CBG	< LOQ	3.950E-4	%		06/02/21 13:54	06/03/21 04:03	
CBGA	< LOQ	3.950E-4	%		06/02/21 13:54	06/03/21 04:03	
CBC	< LOQ	0.004482	%		06/02/21 13:54	06/03/21 04:03	

Reference(2123024-SRM1)							
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed	Notes
THCA	105	0.002920	%	80-120	06/02/21 13:54	06/03/21 04:26	
delta 9-THC	102	0.009080	%	80-120	06/02/21 13:54	06/03/21 04:26	
CBD	107	0.001555	%	80-120	06/02/21 13:54	06/03/21 04:26	
CBDA	107	0.002075	%	80-120	06/02/21 13:54	06/03/21 04:26	



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Notes and Definitions

- ATM Non-cannabis matrix related interference or suppression of Internal standard
- BLI Baseline Interference - Cannabinoid peak interference in chromatographic baseline affecting QC recovery .
- BLK Analyte detected in method blank, but not associated samples.
- BSH Blank Spike High - Blank Spike recovery above method limit. no detections in samples.
- BSL Blank Spike Low - Blank Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
- C Interference due to co-elution
- CBD Interference due to co-elution
- CV1 CBD matrix interference on GC Pest chromatography
- CV2 CCV was above acceptance criteria, Non-detect samples are considered acceptable.
- INF CCV was below acceptance criteria, sample still exceeds regulatory limit.
- ISH One or more QC falls outside acceptance criteria. Data entered into LIMS for informational purposes only.
- ISL Internal Standard concentration is above acceptance criteria.
- MSH Internal Standard concentration is below acceptance criteria.
- MSI Matrix Spike High - Matrix Spike recovery above method limits.
- MSL Matrix Spike Interference - Matrix spike source sample contains analyte hit above calibration affecting recovery accuracy in Matrix Spike.
- TPP
- U Matrix Spike Low - Matrix Spike recovery below lower method limit, analyte chromatography reviewed manually for all samples.
Internal Standard concentration outside control limit due to matrix interference



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