



KCA Laboratories
232 North Plaza Drive
Nicholasville, KY 40356

•1-833-KCA-LABS
https://kcalabs.com
KDA Lic.# P_0058

Certificate of Analysis

1 of 1

THCA.052423.1

Sample ID: SA-230526-22067
Batch:
Type: In-Process Material
Matrix: Concentrate - Isolate
Unit Mass (g):

Received: 05/26/2023
Completed: 05/31/2023

Client
MC Nutraceuticals
6101 Long Prairie Rd, Ste 144 LB 17
Flower Mound, TX 75028
USA



Summary

Test
Cannabinoids

Date Tested
05/31/2023

Tested

84.8 %	96.5 %	99.5 %	Not Tested	Not Tested	Yes
Total Δ9-THC	Δ9-THCA	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization

Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC			ND	ND
CBCA			0.813	8.13
CBCV			ND	ND
CBD			ND	ND
CBDa			ND	ND
CBDV			ND	ND
CBDVA			ND	ND
CBG			ND	ND
CBCa			1.49	14.9
CBL			ND	ND
CBLA			ND	ND
CBN			ND	ND
CENa			0.204	2.04
CBT			ND	ND
Δ8-THC			ND	ND
Δ9-THC			0.232	2.22
Δ9-THCa			36.5	366
Δ9-THCV			ND	ND
Δ9-THCVA			0.32	3.2
Total Δ9-THC			84.8	848
Total			99.5	995

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Data; Total Δ9-THC = Δ9-THCA*0.877 + Δ9-THC, Total CBD = CBDA*0.877 + CBD.

Generated By: Ryan Bellone
CCO
Date: 05/31/2023

Tested By: Nicholas Howard
Scientist
Date: 05/31/2023

[illegible]



Potency Results

Sample Name: *Bubba Kush Flower*

Client: Farm 301

Client Batch ID:

Pinnacle-Analytics.com
3549 Lear Way, Suite 101
Medford OR 97504
P:(541)300-8217

Sample ID: rC-H-276

Matrix: Flower

Prep Analyst: Jeff A.

Analysis Method: 0630322+1 H3 4-20-2022 #1.lcm

Sampling Method: N/A

Reference Method: JCB 2009: HPLC/DAD

Analysis Batch: 12-13-2023 H3 276, 288, 382 Flower

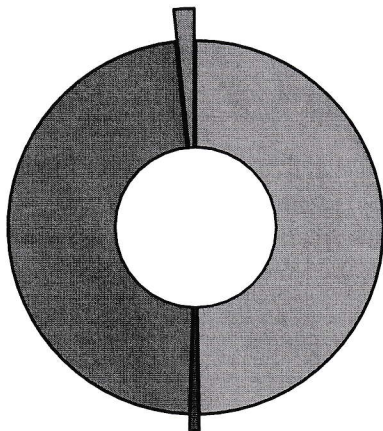
Date Sampled: 12/12/2023

Date Reported: 12/13/2023

Client License: N/A

For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	0.209%
Total CBD (CBDA*0.877+CBD)	12.6%
Moisture Content	10.7%



Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	6.85	68.5
CBGA	0.115	1.15
CBG	<LOQ	<LOQ
CBD*	6.59	65.9
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	<LOQ	<LOQ
d8-THC*	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	0.238	2.38
Total Cannabinoids	13.79	138.0

*ORELAP Accredited Analyte

Limit Of Quantitation: 0.1%, analyte not measured

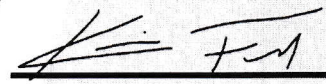
CBDA*
 THCA*

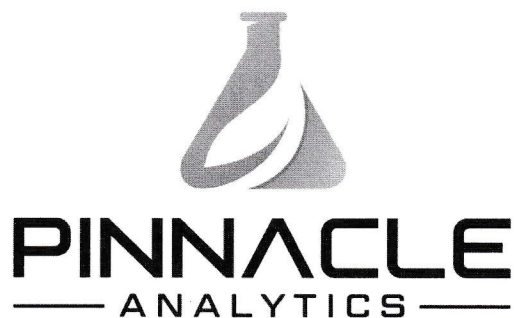
 CBGA

 CBD*



These test results may not be altered or reproduced except in full without the permission of Pinnacle Analytics. These results were generated following the Oregon Administrative Rules and in accordance with the NELAP Institute under ORELAP License #4152
Report generated by Routine_Potency_Rev13_8-1-2023


Kris Ford, PhD
 Lab Director



Quality Control Results

Analyst: Jeff A.

Analysis Batch: 12-13-2023 H3 276, 288, 382 Flower

Pinnacle-Analytics.com
3549 Lear Way, Suite 101
Medford OR 97504
P:(541)300-8217

	Duplicate RPD		LCS % Recovery		Method Blank	
	H-0-D2217-b	Limit	C-FL-121323	Limits	C-FB-121323	Limit
CBDA	3.42%	10%	105.0%	90-110%	<LOQ/2	LOQ/2
CBD	9.76%	10%	105.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	<LOQ%	30%	94.0%	90-110%	<LOQ/2	LOQ/2
d8-THC	<LOQ%	30%	101.0%	90-110%	<LOQ/2	LOQ/2
THCA	3.92%	30%	101.0%	90-110%	<LOQ/2	LOQ/2

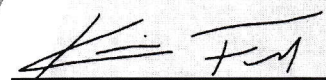
RPD: Relative Percent Difference between unknown sample and its duplicate

LCS: Laboratory Control Sample with known concentration

Case Comments: There were no divergences from ordinary Quality Control procedures or SOPs.



These test results may not be altered or reproduced except in full without the permission of Pinnacle Analytics. These results were generated following the Oregon Administrative Rules and in accordance with the NELAP Institute under ORELAP License #4152
Report generated by Routine_Potency_Rev13_8-1-2023


Kris Ford, PhD
Lab Director