



Certificate of Analysis

WO#: 2301322

Date Reported: 2/1/2023

CLIENT: Bison Extracts Inc
 5805 E 15th
 Tulsa, OK 74112
Phone: (918) 830-4392

OMMA#: PAAA-4KW0-GFNQ



BatchID: 2278-20230124

Sample Rec Date: 1/24/2023 **Lot#:** 1A40E010000090C000002278

LAB ID: 2301322-001A **Client Sample ID:** Vape Cart 1gram Grapes N Cream 1g

Test	Result	Units	PQL	MDL	Qual	Date	Init	REG	OMMA
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POTENCY IN CANNABIS - BY HPLC

Cannabidiol (CBD)	< 0.556	wt%	0.556	0.556		1/30/2023	JR		
Cannabidiolic Acid (CBDA)	< 0.556	wt%	0.556	0.556		1/30/2023	JR		
Cannabigerol (CBG)	1.66	wt%	0.556	0.556		1/30/2023	JR		
Cannabigerolic Acid (CBGA)	0.855	wt%	0.556	0.556		1/30/2023	JR		
Cannabinol (CBN)	< 0.556	wt%	0.556	0.556		1/30/2023	JR		
Tetrahydrocannabinol (THC)	55.6	wt%	0.556	0.556		1/30/2023	JR		
Tetrahydrocannabinolic Acid (THCA)	14.7	wt%	0.556	0.556		1/30/2023	JR		
THC - Delta 8	< 0.556	wt%	0.556	0.556		1/30/2023	JR		
Total CBD (CBDx0.877)+CBD	< 0.556	wt%	0.556	0.556		1/30/2023	JR		
Total CBG (CBGx0.878)+CBG	2.41	wt%	0.556	0.556		1/30/2023	JR		
Total THC (THCAx0.877)+THC	68.5	wt%	0.556	0.556		1/30/2023	JR		

TERPENES IN CANNABIS - BY HS GC/FID

(-)-alpha-Bisabolol	< 0.00714	%	0.00714	0.00714		1/25/2023	KP		
(-)-beta-Pinene	0.0171	%	0.00714	0.00714		1/25/2023	KP		
(-)-Guaiol	< 0.00714	%	0.00714	0.00714		1/25/2023	KP		
(-)-Isopulegol	< 0.00714	%	0.00714	0.00714		1/25/2023	KP		
alpha-Humulene	0.580	%	0.00714	0.00714		1/25/2023	KP		
alpha-Ocimene	0.0585	%	0.00714	0.00714		1/25/2023	KP		
alpha-Pinene	0.102	%	0.00714	0.00714		1/25/2023	KP		
alpha-Terpinene	0.0192	%	0.00714	0.00714		1/25/2023	KP		
beta-Caryophyllene	0.549	%	0.00714	0.00714		1/25/2023	KP		
beta-Myrcene	0.0914	%	0.00714	0.00714		1/25/2023	KP		
beta-Ocimene	0.0471	%	0.00714	0.00714		1/25/2023	KP		
Camphene	0.0707	%	0.00714	0.00714		1/25/2023	KP		
Caryophyllene oxide	< 0.00714	%	0.00714	0.00714		1/25/2023	KP		
cis-Nerolidol	0.478	%	0.00714	0.00714		1/25/2023	KP		
delta-3-Carene	0.0156	%	0.00714	0.00714		1/25/2023	KP		
D-Limonene	0.900	%	0.00714	0.00714		1/25/2023	KP		
1,8-Cineole	< 0.00714	%	0.00714	0.00714		1/25/2023	KP		
gamma-Terpinene	0.0177	%	0.00714	0.00714		1/25/2023	KP		
Geraniol	0.0104	%	0.00714	0.00714		1/25/2023	KP		
Linalool	0.0839	%	0.00714	0.00714		1/25/2023	KP		
p-Isopropyltoluene	< 0.00714	%	0.00714	0.00714		1/25/2023	KP		
Terpinolene	0.0600	%	0.00714	0.00714		1/25/2023	KP		
Nerolidol	0.0344	%	0.00714	0.00714		1/25/2023	KP		
Total Terpene Percentage	3.13	%	0.00714	0.00714		1/25/2023	KP		

VISUAL INSPECTION OF CANNABIS - BY MICROSCOPE

1/4 area Foreign Material	< 1.0	Each	1.0	1.0		1/24/2023	AC	1.0	Pass
1/4 area Mold	< 1.0	Each	1.0	1.0		1/24/2023	AC	1.0	Pass
1/4 area Soil / Dirt / Sand	< 1.0	Each	1.0	1.0		1/24/2023	AC	1.0	Pass
Excreta, Mammalian	< 1.0	Each	1.0	1.0		1/24/2023	AC	1.0	Pass
Hair, Human	< 1.0	Each	1.0	1.0		1/24/2023	AC	1.0	Pass
Hair, Rodent	< 1.0	Each	1.0	1.0		1/24/2023	AC	1.0	Pass

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<u>VISUAL INSPECTION OF CANNABIS - BY MICROSCOPE</u>									
Insect Fragment	< 1.0	Each	1.0	1.0		1/24/2023	AC	1.0	Pass
Filth & Foreign Matter	< 1.0	Each	1.0	1.0		1/24/2023	AC	1.0	Pass
<u>HEAVY METALS BY ICP/MS</u>									
Arsenic	< 0.194	ppm	0.194	0.194		1/27/2023	KR	0.200	Pass
Cadmium	< 0.194	ppm	0.194	0.194		1/27/2023	KR	0.200	Pass
Lead	< 0.484	ppm	0.484	0.484		1/27/2023	KR	0.500	Pass
Mercury	< 0.0969	ppm	0.0969	0.0969		1/27/2023	KR	0.100	Pass
<u>CANNABIS MICROBIALS - BY SPECTRAL ARRAY</u>									
Aspergillus flavus	< 1.00	CFU/g	1.00	1.00		2/1/2023	AC	1.00	Pass
Aspergillus fumigatus	< 1.00	CFU/g	1.00	1.00		2/1/2023	AC	1.00	Pass
Aspergillus niger	< 1.00	CFU/g	1.00	1.00		2/1/2023	AC	1.00	Pass
Aspergillus terreus	< 1.00	CFU/g	1.00	1.00		2/1/2023	AC	1.00	Pass
Salmonella	< 1.00	CFU/g	1.00	1.00		2/1/2023	AC	1.00	Pass
STEC E. coli	< 1.00	CFU/g	1.00	1.00		2/1/2023	AC	1.00	Pass
Yeast and Mold	< 1.00	CFU/g	1.00	1.00		2/1/2023	AC	10,000	Pass
<u>PESTICIDE RESIDUE IN CANNABIS - BY LC/MS/MS</u>									
Abamectin	< 0.191	ppm	0.191	0.191		1/24/2023	KP	0.500	Pass
Aflatoxin B1	< 0.0199	ppm	0.0199	0.0199		1/24/2023	KP	0.0200	Pass
Aflatoxin B2	< 0.0199	ppm	0.0199	0.0199		1/24/2023	KP	0.0200	Pass
Aflatoxin G1	< 0.0199	ppm	0.0199	0.0199		1/24/2023	KP	0.0200	Pass
Aflatoxin G2	< 0.0199	ppm	0.0199	0.0199		1/24/2023	KP	0.0200	Pass
Azoxystrobin	< 0.199	ppm	0.199	0.199		1/24/2023	KP	0.200	Pass
Bifenazate	< 0.199	ppm	0.199	0.199		1/24/2023	KP	0.200	Pass
Etoxazole	< 0.199	ppm	0.199	0.199		1/24/2023	KP	0.200	Pass
Imazalil	< 0.199	ppm	0.199	0.199		1/24/2023	KP	0.200	Pass
Imidacloprid	< 0.398	ppm	0.398	0.398		1/24/2023	KP	0.400	Pass
Malathion	< 0.199	ppm	0.199	0.199		1/24/2023	KP	0.200	Pass
Myclobutanil	< 0.199	ppm	0.199	0.199		1/24/2023	KP	0.200	Pass
Ochratoxin	< 0.0199	ppm	0.0199	0.0199		1/24/2023	KP	0.0200	Pass
Spiromesifen	< 0.199	ppm	0.199	0.199		1/24/2023	KP	0.200	Pass
Spirotetramat	< 0.199	ppm	0.199	0.199		1/24/2023	KP	0.200	Pass
Tebuconazole	< 0.398	ppm	0.398	0.398		1/24/2023	KP	0.400	Pass
Total Aflatoxins	< 0.0199	ppm	0.0199	0.0199		1/24/2023	KP	0.0200	Pass
Total Permethrin	< 0.199	ppm	0.199	0.199		1/24/2023	KP	0.200	Pass
Total Spinosad	< 0.199	ppm	0.199	0.199		1/24/2023	KP	0.200	Pass
<u>RESIDUAL SOLVENTS IN CANNABIS - BY HS GC/FID</u>									
Isopropyl alcohol	< 63.7	ppm	63.7	63.7		1/30/2023	BWD	1,000	Pass
Acetone	< 63.7	ppm	63.7	63.7		1/30/2023	BWD	1,000	Pass
Benzene	< 1.91	ppm	1.91	1.91		1/30/2023	BWD	2.00	Pass
Ethanol	1,320	ppm	63.7	63.7		1/30/2023	BWD	5,000	Pass
Ethyl acetate	66.0	ppm	63.7	63.7		1/30/2023	BWD	1,000	Pass
Heptane	< 63.7	ppm	63.7	63.7		1/30/2023	BWD	1,000	Pass
Isobutane	< 63.7	ppm	63.7	63.7		1/30/2023	BWD	1,000	Pass
m&p-Xylene	< 63.7	ppm	63.7	63.7		1/30/2023	BWD	1,000	Pass
Methanol	< 63.7	ppm	63.7	63.7		1/30/2023	BWD	600	Pass
n-Butane	< 63.7	ppm	63.7	63.7		1/30/2023	BWD	1,000	Pass
Hexane	< 57.3	ppm	57.3	57.3		1/30/2023	BWD	60.0	Pass
Pentane	< 63.7	ppm	63.7	63.7		1/30/2023	BWD	1,000	Pass
o-Xylene	< 63.7	ppm	63.7	63.7		1/30/2023	BWD	1,000	Pass
Propane	< 63.7	ppm	63.7	63.7		1/30/2023	BWD	1,000	Pass
Toluene	< 63.7	ppm	63.7	63.7		1/30/2023	BWD	180	Pass
Total Butane	< 63.7	ppm	63.7	63.7		1/30/2023	BWD	1,000	Pass
Total xylenes	< 63.7	ppm	63.7	63.7		1/30/2023	BWD	430	Pass

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Comments:

QUALIFIER: * = Failure of analyte as per OMMA specifications
OMMA Section: OMMA Exceedance limit and Pass/Fail section

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Approved By: _____

Brian Duzan
Laboratory Director