



Certificate of Analysis

WO#: 2104001

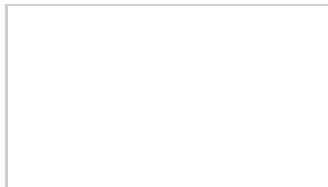
Date Reported: 4/9/2021

CLIENT: Bison Extracts Inc
 1420 S. Joplin
 Tulsa, OK 74112
Phone: (918) 830-4392

OMMA#: PAAA-4KW0-GFNQ

BatchID: 3932-3936

Sample Rec Date: 4/1/2021 **Lot#:** 4780



LAB ID: 2104001-001A **Client Sample ID:** Dosido 18 - BN#3932-3936

Test	Result	Units	PQL	MDL	Qual	Date	Init	Max	OMMA
<u>INITIAL WEIGHT OR VOLUME - N</u>									
Initial Weight or Volume	15.9	g	0	0		4/1/2021	AC		
Final Weight or Volume	12.7	g	0	0		4/1/2021	AC		
<u>POTENCY IN CANNABIS - BY HPLC</u>									
Cannabidiol (CBD)	< 0.610	wt%	0.610	0.610		4/1/2021	JR		
Cannabidiolic Acid (CBDA)	< 0.610	wt%	0.610	0.610		4/1/2021	JR		
Cannabigerol (CBG)	1.60	wt%	0.610	0.610		4/1/2021	JR		
Cannabigerolic Acid (CBGA)	0.805	wt%	0.610	0.610		4/1/2021	JR		
Cannabinol (CBN)	< 0.610	wt%	0.610	0.610		4/1/2021	JR		
Tetrahydrocannabinol (THC)	71.4	wt%	0.610	0.610		4/1/2021	JR		
Tetrahydrocannabinolic Acid (THCA)	9.04	wt%	0.610	0.610		4/1/2021	JR		
THC - Delta 8	< 0.610	wt%	0.610	0.610		4/1/2021	JR		
Total CBD (CBDAx0.877)+CBD	< 0.610	wt%	0.610	0.610		4/1/2021	JR		
Total CBG (CBGx0.878)+CBG	2.30	wt%	0.610	0.610		4/1/2021	JR		
Total THC (THCAx0.877)+THC	79.3	wt%	0.610	0.610		4/1/2021	JR		
<u>TERPENES IN CANNABIS - BY HS GC/FID</u>									
(-)-alpha-Bisabolol	107	ppm	76.9	76.9		4/5/2021	BWD		
(-)-beta-Pinene	119	ppm	76.9	76.9		4/5/2021	BWD		
(-)-Guaiol	141	ppm	76.9	76.9		4/5/2021	BWD		
(-)-Isopulegol	< 76.9	ppm	76.9	76.9		4/5/2021	BWD		
alpha-Humulene	2,010	ppm	76.9	76.9		4/5/2021	BWD		
alpha-Ocimene	563	ppm	76.9	76.9		4/5/2021	BWD		
alpha-Pinene	670	ppm	76.9	76.9		4/5/2021	BWD		
alpha-Terpinene	125	ppm	76.9	76.9		4/5/2021	BWD		
beta-Caryophyllene	2,630	ppm	76.9	76.9		4/5/2021	BWD		
beta-Myrcene	1,270	ppm	76.9	76.9		4/5/2021	BWD		
beta-Ocimene	486	ppm	76.9	76.9		4/5/2021	BWD		
Camphene	455	ppm	76.9	76.9		4/5/2021	BWD		
Caryophyllene oxide	< 76.9	ppm	76.9	76.9		4/5/2021	BWD		
cis-Nerolidol	4,230	ppm	76.9	76.9		4/5/2021	BWD		
delta-3-Carene	< 76.9	ppm	76.9	76.9		4/5/2021	BWD		
D-Limonene	3,560	ppm	76.9	76.9		4/5/2021	BWD		
1,8-Cineole	< 76.9	ppm	76.9	76.9		4/5/2021	BWD		
gamma-Terpinene	114	ppm	76.9	76.9		4/5/2021	BWD		
Geraniol	< 76.9	ppm	76.9	76.9		4/5/2021	BWD		
Linalool	3,350	ppm	76.9	76.9		4/5/2021	BWD		
p-Isopropyltoluene	< 76.9	ppm	76.9	76.9		4/5/2021	BWD		
Terpinolene	437	ppm	76.9	76.9		4/5/2021	BWD		
Total Terpene Percentage	2.67	%	0	0		4/5/2021	BWD		
Total Terpenes	26,700	ppm	0	0		4/5/2021	BWD		
trans-Nerolidol	6,410	ppm	76.9	76.9		4/5/2021	BWD		
<u>VISUAL INSPECTION OF CANNABIS - BY MICROSCOPE</u>									
1/4 area Foreign Material	< 1.0	Each	1.0	1.0		4/1/2021	AC		
1/4 area Mold	< 1.0	Each	1.0	1.0		4/1/2021	AC		

Test	Result	Units	PQL	MDL	Qual	Date	Init	Max	OMMA
<u>VISUAL INSPECTION OF CANNABIS - BY MICROSCOPE</u>									
1/4 area Soil / Dirt / Sand	< 1.0	Each	1.0	1.0		4/1/2021	AC		
Excreta, Mammalian	< 1.0	Each	1.0	1.0		4/1/2021	AC		
Hair, Human	< 1.0	Each	1.0	1.0		4/1/2021	AC		
Hair, Rodent	< 1.0	Each	1.0	1.0		4/1/2021	AC		
Insect Fragment	< 1.0	Each	1.0	1.0		4/1/2021	AC		
<u>HEAVY METALS BY ICP/MS</u>									
Arsenic	< 0.193	ppm	0.193	0.193		4/2/2021	KR	0.200	Pass
Cadmium	< 0.193	ppm	0.193	0.193		4/2/2021	KR	0.200	Pass
Lead	< 0.483	ppm	0.483	0.483		4/2/2021	KR	0.500	Pass
Mercury	< 0.0965	ppm	0.0965	0.0965		4/2/2021	KR	0.100	Pass
<u>CANNABIS MICROBIALS - BY SPECTRAL ARRAY</u>									
Aspergillus flavus	Pass	CFU/g	0	0		4/1/2021	KP	0.900	Pass
Aspergillus fumigatus	Pass	CFU/g	0	0		4/1/2021	KP	0.900	Pass
Aspergillus niger	Pass	CFU/g	0	0		4/1/2021	KP	0.900	Pass
Aspergillus terreus	Pass	CFU/g	0	0		4/1/2021	KP	0.900	Pass
Salmonella	Pass	CFU/g	0	0		4/1/2021	KP	0.900	Pass
STEC E. coli	Pass	CFU/g	0	0		4/1/2021	KP	0.900	Pass
Yeast and Mold	Pass	CFU/g	0	0		4/1/2021	KP	10,000	Pass
<u>PESTICIDE RESIDUE IN CANNABIS - BY LC/MS/MS</u>									
Abamectin	< 0.473	ppm	0.473	0.473		4/6/2021	KP	0.500	Pass
Aflatoxin B1	< 0.0189	ppm	0.0189	0.0189		4/6/2021	KP	0.0200	Pass
Aflatoxin B2	< 0.0189	ppm	0.0189	0.0189		4/6/2021	KP	0.0200	Pass
Aflatoxin G1	< 0.0189	ppm	0.0189	0.0189		4/6/2021	KP	0.0200	Pass
Aflatoxin G2	< 0.0189	ppm	0.0189	0.0189		4/6/2021	KP	0.0200	Pass
Azoxystrobin	< 0.189	ppm	0.189	0.189		4/6/2021	KP	0.200	Pass
Bifenazate	< 0.189	ppm	0.189	0.189		4/6/2021	KP	0.200	Pass
Etozazole	< 0.189	ppm	0.189	0.189		4/6/2021	KP	0.200	Pass
Imazalil	< 0.189	ppm	0.189	0.189		4/6/2021	KP	0.200	Pass
Imidacloprid	< 0.378	ppm	0.378	0.378		4/6/2021	KP	0.400	Pass
Malathion	< 0.189	ppm	0.189	0.189		4/6/2021	KP	0.200	Pass
Myclobutanil	< 0.189	ppm	0.189	0.189		4/6/2021	KP	0.200	Pass
Ochratoxin	< 0.0189	ppm	0.0189	0.0189		4/6/2021	KP	0.0200	Pass
Permethrin (cis&trans)	< 0.189	ppm	0.189	0.189		4/6/2021	KP	0.200	Pass
Permethrin-cis	< 0.189	ppm	0.189	0.189		4/6/2021	KP	0.200	Pass
Permethrin-trans	< 0.189	ppm	0.189	0.189		4/6/2021	KP	0.200	Pass
Spinosad	< 0.189	ppm	0.189	0.189		4/6/2021	KP	0.200	Pass
Spinosyn A	< 0.189	ppm	0.189	0.189		4/6/2021	KP	0.200	Pass
Spinosyn D	< 0.189	ppm	0.189	0.189		4/6/2021	KP	0.200	Pass
Spiromesifen	< 0.189	ppm	0.189	0.189		4/6/2021	KP	0.200	Pass
Spirotetramat	< 0.189	ppm	0.189	0.189		4/6/2021	KP	0.200	Pass
Tebuconazole	< 0.378	ppm	0.378	0.378		4/6/2021	KP	0.400	Pass
Total Permethrin	< 0.189	ppm	0.189	0.189		4/6/2021	KP	0.200	Pass
Total Spinosad	< 0.189	ppm	0.189	0.189		4/6/2021	KP	0.200	Pass
<u>RESIDUAL SOLVENTS IN CANNABIS - BY HS GC/FID</u>									
Isopropyl alcohol	< 949	ppm	949	949		4/8/2021	BWD	1,000	Pass
Acetone	< 949	ppm	949	949		4/8/2021	BWD	1,000	Pass
Benzene	< 1.90	ppm	1.90	1.90		4/8/2021	BWD	2.00	Pass
Ethanol	< 4,750	ppm	4,750	4,750		4/8/2021	BWD	5,000	Pass
Heptane	< 949	ppm	949	949		4/8/2021	BWD	1,000	Pass
Isobutane	< 949	ppm	949	949		4/8/2021	BWD	1,000	Pass
m&p-Xylene	< 408	ppm	408	408		4/8/2021	BWD	1,000	Pass
Methanol	< 570	ppm	570	570		4/8/2021	BWD	600	Pass
n-Butane	< 949	ppm	949	949		4/8/2021	BWD	1,000	Pass
Hexane	< 57.0	ppm	57.0	57.0		4/8/2021	BWD	60.0	Pass
Pentane	< 949	ppm	949	949		4/8/2021	BWD	1,000	Pass
o-Xylene	< 408	ppm	408	408		4/8/2021	BWD	1,000	Pass

LAB ID: 2104001-001A

Client Sample ID: Dosido 18 - BN#3932-3936

Test	Result	Units	PQL	MDL	Qual	Date	Init	Max	OMMA
RESIDUAL SOLVENTS IN CANNABIS - BY HS GC/FID									
Propane	< 949	ppm	949	949		4/8/2021	BWD	1,000	Pass
Toluene	< 171	ppm	171	171		4/8/2021	BWD	180	Pass
Total Butane	< 949	ppm	949	949		4/8/2021	BWD	1,000	Pass
Total xylenes	< 408	ppm	408	408		4/8/2021	BWD	430	Pass

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