

Bison Extracts

1420 S Joplin Ave,
Tulsa, OK 74112
necolecantu@live.com
(918) 830-4392
Lic. #PAAA4KW0GFNQ

Sample: 2101HTL0010.0061

Strain: Mandarin Cookies
Batch#: 1384; Batch Size: g
Sample Received: 01/04/2021; Report Created: 01/22/2021
Sampled by: ; Client Rep:
Sample Storage Environment:

Mandarin Cookies

Ingestible, Soft Chew, Other
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Summary

Complete <i>Total THC: 19.79</i> <i>mg/unit</i> Cannabinoids	Complete <i>186.89 PPM</i> Terpenes	Pass Pesticides	Pass Solvents	Pass Microbials
Not Tested Moisture	Not Tested Water Activity	Pass Heavy Metals	Not Detected Foreign Matter	Pass Mycotoxins



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Cannabinoids: HPLC

Complete

19.79 mg/unit	<LOQ	20.58 mg/unit
Total THC	Total CBD	Total Cannabinoids

Analyte	LOD	LOQ	Results	Results
	PPM	PPM	mg/unit	mg/g
THCa	37.50	75.00	2.48	0.48
Δ9-THC	37.50	75.00	17.61	3.38
Δ8-THC	6.25	12.50	ND	ND
THCV	6.25	12.50	ND	ND
CBDa	37.50	75.00	ND	ND
CBD	37.50	75.00	ND	ND
CBDV	6.25	12.50	ND	ND
CBN	37.50	75.00	ND	ND
CBGa	6.25	12.50	0.14	0.03
CBG	6.25	12.50	0.35	0.07
CBC	6.25	12.50	<LOQ	<LOQ
Total			20.58	3.95

1 Unit = , 5.21g
Date Tested: 01/05/2021
Notes:

Foreign Matter

Pass

Status: Not Detected
Notes:

Moisture
NT
Not Tested

Water Activity
NT
Not Tested
Limit: 0.65 Aw

Microbials: qPCR

Pass

Analyte	Limit	Results	Status
	CFU/g	CFU/g	
Aspergillus flavus	0	ND	Pass
Aspergillus fumigatus	0	ND	Pass
Aspergillus niger	0	ND	Pass
Aspergillus terreus	0	ND	Pass
E. Coli	0	ND	Pass
Salmonella SPP	0	ND	Pass
Staphylococcus aureus	0	ND	Pass
Yeast & Mold	10000	ND	Pass

Date Tested: 01/14/2021

Heavy Metals: ICPMS

Pass

Analyte	LOQ	Limit	Results	Status
	PPB	PPB	PPB	
Arsenic	0	200	ND	Pass
Cadmium	1	200	ND	Pass
Lead	0	500	ND	Pass
Mercury	0	100	ND	Pass

Date Tested: 01/22/2021

Mycotoxins: LC-MS/MS

Pass

Analyte	LOQ	Limit	Results	Status
	PPB	PPB	PPB	
Aflatoxin B1	10	20	ND	Pass
Aflatoxin B2	10	20	ND	Pass
Aflatoxin G1	10	20	ND	Pass
Aflatoxin G2	10	20	ND	Pass
Ochratoxin A	10	20	ND	Pass
Total Aflatoxins	10	20	ND	Pass

Date Tested: 01/15/2021



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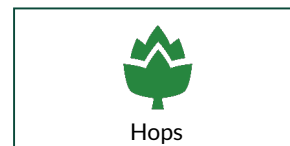
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Terpenes: GC-MS

Analyte	LOQ	Results	Results	
	PPM	PPM	%	
β-Caryophyllene	10.00	108.67	0.01	
α-Humulene	10.00	34.95	0.00	
Linalool	10.00	19.44	0.00	
α-Bisabolol	10.00	12.90	0.00	
Caryophyllene Oxide	10.00	10.93	0.00	
α-Pinene	10.00	ND	ND	
α-Terpinene	10.00	ND	ND	
β-Myrcene	10.00	ND	ND	
β-Pinene	10.00	ND	ND	
Camphene	10.00	ND	ND	
cis-Nerolidol	100.00	ND	ND	
cis-Ocimene	10.00	ND	ND	
δ-3-Carene	10.00	ND	ND	
δ-Limonene	10.00	<LOQ	<LOQ	
Eucalyptol	10.00	ND	ND	
γ-Terpinene	10.00	ND	ND	
Geraniol	100.00	<LOQ	<LOQ	
Guaiol	10.00	<LOQ	<LOQ	
Isopulegol	10.00	<LOQ	<LOQ	
p-Cymene	10.00	ND	ND	
Terpinolene	10.00	ND	ND	
trans-Nerolidol	100.00	ND	ND	
trans-Ocimene	10.00	<LOQ	<LOQ	
Total		186.89	0.02	

Primary Aromas



186.89 PPM

Total Terpenes

Notes:

Date Tested: 01/07/2021



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Pesticides: LC-MS/MS

Pass

Analyte	LOQ	Results	Status	Analyte	LOQ	Results	Status
	PPM	PPM			PPM	PPM	
Abamectin	0.100	ND	Pass	Myclobutanil	0.100	ND	Pass
Avermectin-B1a	0.100	ND	Tested	Permethrins	0.100	ND	Pass
Avermectin-B1b	0.100	ND	Tested	Spinosad	0.100	ND	Pass
Azoxystrobin	0.100	ND	Pass	Spinosyn A	0.093	ND	Tested
Bifenazate	0.100	ND	Pass	Spinosyn D	0.004	ND	Tested
cis-Permethrin	0.041	ND	Tested	Spiromesifen	0.100	ND	Pass
Etoazole	0.100	ND	Pass	Spirotetramat	0.100	ND	Pass
Imazalil	0.100	ND	Pass	Tebuconazole	0.100	ND	Pass
Imidacloprid	0.100	ND	Pass	Trans Permethrin	0.058	ND	Tested
Malathion	0.100	ND	Pass				

Date Tested: 01/14/2021

Residual Solvents: GC-MS

Pass

Analyte	LOQ	Limit	Results	Status	Analyte	LOQ	Limit	Results	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Acetone	500.000	1000.000	ND	Pass	Isopropanol	500.000	1000.000	ND	Pass
Benzene	1.000	2.000	ND	Pass	m-Xylene	100.000		ND	Tested
Butane	500.000		NR	NT	Methanol	300.000	600.000	<LOQ	Pass
Butanes	500.000	1000.000	ND	Pass	o-Xylene	100.000		ND	Tested
Ethanol	2500.000	5000.000	ND	Pass	p-Xylene	100.000		ND	Tested
Ethyl-Acetate	500.000	1000.000	ND	Pass	Pentane	500.000	1000.000	ND	Pass
Heptane	500.000	1000.000	ND	Pass	Propane	500.000	1000.000	ND	Pass
Hexanes	30.000	60.000	ND	Pass	Toluene	90.000	180.000	ND	Pass
Isobutane	500.000		ND	Tested	Xylenes	215.000	430.000	ND	Pass

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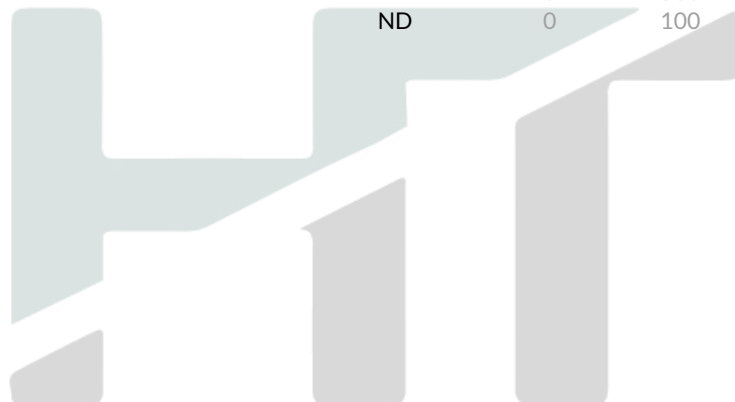
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Heavy Metals: ICPMS

Pass

Analyte	Mass	LOQ	Limit	Status
	PPB	PPB	PPB	
Arsenic	ND	0	200	Pass
Cadmium	ND	1	200	Pass
Lead	ND	0	500	Pass
Mercury	ND	0	100	Pass



HIGHER TESTING



Darrian Roberts
Lab Analyst



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Residual Solvents: GC-MS

Pass

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Acetone	500.000	1000.000	ND	Pass
Benzene	1.000	2.000	ND	Pass
Butane	500.000		NR	NT
Butanes	500.000	1000.000	ND	Pass
Ethanol	2500.000	5000.000	ND	Pass
Ethyl-Acetate	500.000	1000.000	ND	Pass
Heptane	500.000	1000.000	ND	Pass
Hexanes	30.000	60.000	ND	Pass
Isobutane	500.000		ND	Tested
Isopropanol	500.000	1000.000	ND	Pass
m-Xylene	100.000		ND	Tested
Methanol	300.000	600.000	<LOQ	Pass
o-Xylene	100.000		ND	Tested
p-Xylene	100.000		ND	Tested
Pentane	500.000	1000.000	ND	Pass
Propane	500.000	1000.000	ND	Pass
Toluene	90.000	180.000	ND	Pass
Xylenes	215.000	430.000	ND	Pass

HIGHER TESTING

