

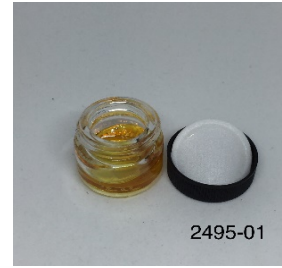
# Scissortail Laboratory, LLC

OMMA No: LAAA-NKSL-JY3L    OBND No: 62043    (405) 788-0247    2408 NW 10th St. OKC,OK 73107

Esco Brands  
PAAA-N1A6-M8WU

Received On: 8/24/2020  
Reported On: 8/28/2020

Sample: Distillate 1  
Matrix: Concentrate  
STL Number: 2495-01  
Batch ID #: 0805  
Harvest/Process Date: N/A



## Potency

Ref. Method: J AOAC 2015 V98-6

Extraction Date: 8/26/2020

Mass Extracted (g): 0.1148

Final Volume (mL): 20

	mg/L	Dilution Factor	Conc. In Sample (mg/g)	Potency %	Potency LOQ (%)	Analytical Date	Analyst
CBDV	0	10	0.000	0.00	0.17	8/27/2020	TR
CBDA	0	10	0.000	0.00	0.17	8/27/2020	TR
CBGA	0	10	0.000	0.00	0.17	8/27/2020	TR
CBG	15.833	10	27.584	2.76	0.17	8/27/2020	TR
CBD	19.127	10	33.322	3.33	0.17	8/27/2020	TR
THCV	2.708	10	4.718	0.47	0.17	8/27/2020	TR
CBN	16.805	10	29.277	2.93	0.17	8/27/2020	TR
d9-THC	54.983	100	957.892	95.79	1.74	8/27/2020	TR
d8-THC	0	10	0.000	0.00	0.17	8/27/2020	TR
CBC	0	10	0.000	0.00	0.17	8/27/2020	TR
THCA	0	10	0.000	0.00	0.17	8/27/2020	TR
<b>Total Cannabinoids:</b>				<b>105.28</b>	%		
<b>Total THC:</b>				<b>95.79</b>	%		
<b>Total CBD:</b>				<b>3.33</b>	%		

## Contaminants and Filth

Analytical Date: 8/24/2020

Reference Method: FDA Proc from Microanalytical Procedures Manual  
Section V-8, Subsection 4

**Result: Pass**

These samples were run in accordance with current ISO 17025 standards.

All associated batch QC passed within acceptable limits.

Total THC is calculated as [(THCA x 0.8770) + d9-THC]. Total CBD is calculated as [(CBDA x 0.8770) + CBD].

Approved By: \_\_\_\_\_



Lab Director

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## Terpenes

Ref. Method(s): J AOAC 2015 V98-6

Mass Extracted (g): 0.0222

Shimadzu Scientific Whitepaper: GCMS-1604  
Agilent Technologies App Note: 5991-8499EN

	From Instrument (ug/g)	ug on column (10uL)	wt %	PQL (%)	Analytical Date	Analyst
.alpha.-Pinene	0.00	0.00	0.000	0.00176	8/27/2020	IDC
Camphene	0.00	0.00	0.000	0.00176	8/27/2020	IDC
.beta.-Myrcene	0.00	0.00	0.000	0.00176	8/27/2020	IDC
.beta.-Pinene	0.00	0.00	0.000	0.00176	8/27/2020	IDC
3-Carene	0.00	0.00	0.000	0.00176	8/27/2020	IDC
Alpha Terpinene	0.00	0.00	0.000	0.00176	8/27/2020	IDC
alpha-Ocimene	0.00	0.00	0.000	0.00176	8/27/2020	IDC
D-Limonene	0.00	0.00	0.000	0.00176	8/27/2020	IDC
p-Cymene	0.00	0.00	0.000	0.00176	8/27/2020	IDC
.beta.-Ocimene	0.00	0.00	0.000	0.00176	8/27/2020	IDC
Eucalyptol	0.00	0.00	0.000	0.00176	8/27/2020	IDC
.gamma.-Terpinene	0.00	0.00	0.000	0.00176	8/27/2020	IDC
Terpinolene	0.00	0.00	0.000	0.00176	8/27/2020	IDC
Linalool	0.00	0.00	0.000	0.00176	8/27/2020	IDC
Isopulegol	0.00	0.00	0.000	0.00176	8/27/2020	IDC
Geraniol	0.00	0.00	0.000	0.00176	8/27/2020	IDC
Caryophyllene	0.00	0.00	0.000	0.00176	8/27/2020	IDC
Humulene	0.00	0.00	0.000	0.00176	8/27/2020	IDC
Nerolidol cis	0.00	0.00	0.000	0.00176	8/27/2020	IDC
Nerolidol trans	0.00	0.00	0.000	0.00176	8/27/2020	IDC
Guaiol	0.00	0.00	0.000	0.00176	8/27/2020	IDC
Caryophyllene oxide	0.00	0.00	0.000	0.00176	8/27/2020	IDC
.alpha.-Bisabolol	0.00	0.00	0.000	0.00176	8/27/2020	IDC

Percent Terpenes by wt: 0.000 No terpenes Present

These samples were run in accordance with current ISO 17025 standards.  
All associated batch QC passed within acceptable limits.

Approved By:

Lab Director

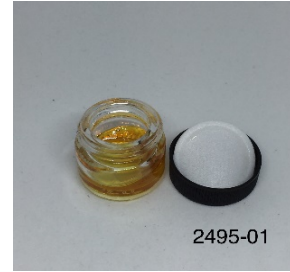
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## Pesticides

Analysis Date: 8/25/2020    Analyzed By: High Grade Labs    Ref Method: Pesticides

Compound	Conc. In Sample		Action Level	
	(ppm)	LOQ (ppm)	(ppm)	Pass
Imidacloprid	ND	0.50	0.5	Yes
Imazalil	ND	0.50	0.5	Yes
Myclobutanil	ND	0.50	0.5	Yes
Malathion	ND	0.50	0.5	Yes
Azoxystrobin	ND	0.50	0.5	Yes
Bifenazate	ND	0.50	0.5	Yes
Spirotetramat	ND	0.50	0.5	Yes
Tebuconazole	ND	0.50	0.5	Yes
Spinosad	ND	0.50	0.5	Yes
Abamectin	ND	0.50	0.5	Yes
Spiromefesin	ND	0.50	0.5	Yes
Etoxazole	ND	0.50	0.5	Yes
Permethrin	ND	0.50	0.5	Yes

## Mycotoxins

Analysis Date: 8/25/2020    Analyzed By: High Grade Labs    Ref Method: Mycotoxins

Compound	Conc. In Sample		Action Level	
	(ppb)	LOQ (ppb)	(ppb)	Pass
Aflatoxin B1	ND	5	20	Yes
Aflatoxin B2	ND	5	20	Yes
Aflatoxin G1	ND	5	20	Yes
Aflatoxin G2	ND	5	20	Yes
Ochratoxin A	ND	5	20	Yes

ND = Non detect

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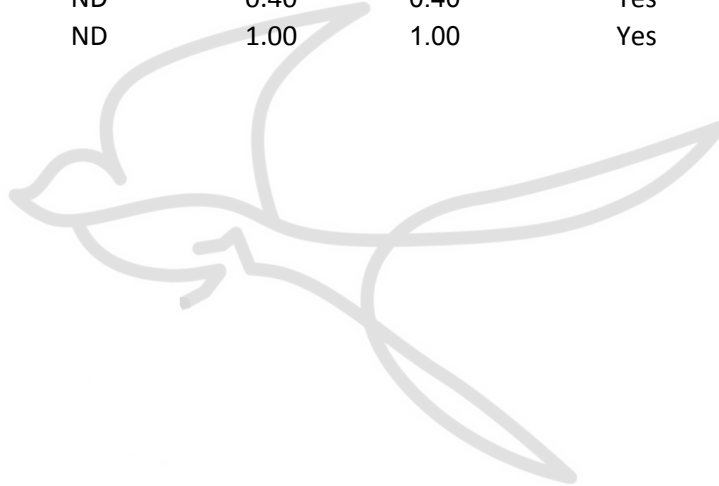
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## Heavy Metals

Analysis Date: 8/28/2020 Analyzed By: High Grade Labs Ref Method: Heavy Metals

Compound	Conc. In Sample (ppm)	LOQ (ppm)	Action Level (ppm)	Pass
Mercury (Hg)	ND	0.20	0.20	Yes
Arsenic (Ar)	ND	0.40	0.40	Yes
Cadmium (Cd)	ND	0.40	0.40	Yes
Lead(Pb)	ND	1.00	1.00	Yes



ND = Non detect

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## Microbial

Ref. method(s): PDX-002 Rev. 1/22/20 PDX-005 Rev. 1/15/20

Compound	Conc. In Sample (CFU/g)	Action Level (CFU/g)	Pass	Analysis Date	Analyst
Aerobic Plate Count, Total	NT	-	-	-	-
Escherichia Coli (E. Coli)	ND	1	Yes	8/27/2020	TNS
Salmonella spp.	ND	1	Yes	8/27/2020	TNS
Staphylococcus aureus	ND	1	Yes	8/27/2020	TNS
Mold & Yeast	<100	10000	Yes	8/27/2020	TNS

Approved By: \_\_\_\_\_



Lab Director

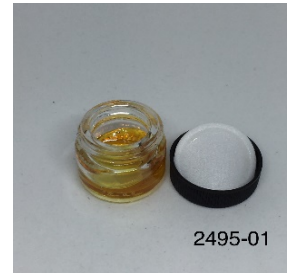
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## Residual Solvents

Analysis Date: 8/27/2020 Analyzed By: IDC Ref Method: USP <467>

Solvent	CAS No.	Result (µg/g)	LOQ (µg/g)	Action Level (µg/g)	Pass?
Propane	74-98-6	ND	500	1000	Yes
Butane	106-97-8	ND	500	1000	Yes
Pentane	109-66-0	ND	500	1000	Yes
Acetone	67-64-1	ND	500	1000	Yes
Isopropyl Alcohol	67-63-0	ND	500	1000	Yes
n-Hexane	110-54-3	ND	30	60	Yes
Benzene	71-43-2	ND	1	2	Yes
Heptane	142-82-5	ND	500	1000	Yes
Toluene	108-88-3	ND	90	180	Yes
m,p-Xylene	108-38-3, 106-42-3	ND	0.3	-	-
o-Xylene	95-47-6	ND	0.3	-	-
Total Xylenes (m, p, o)		ND	215.0	430	Yes

ND = Non detect