



A0036S

<b>Batch ID:</b>	N/A	<b>Test ID:</b>	T000085106
<b>Reported:</b>	14-Jul-2020	<b>Method:</b>	TM19
<b>Type:</b>	Other		
<b>Test:</b>	Metals		

## HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.067 - 6.69	ND
Cadmium	0.068 - 6.77	ND
Mercury	0.064 - 6.37	ND
Lead	0.067 - 6.72	ND

\* ND = None Detected (Defined by Dynamic Range of the method)

## FINAL APPROVAL



Ryan Weems  
14-Jul-2020  
10:34 AM

PREPARED BY / DATE



Ben Minton  
14-Jul-2020  
3:26 PM

APPROVED BY / DATE

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A0036S

<b>Batch ID:</b>	N/A	<b>Test ID:</b>	T000085103
<b>Reported:</b>	12-Jul-2020	<b>Method:</b>	Concentrate - Test Methods: TM05, TM06
<b>Type:</b>	Concentrate		
<b>Test:</b>	Microbial Contaminants		

**MICROBIAL CONTAMINANTS**

Contaminant	Result (CFU/g)*
<b>Total Aerobic Count**</b>	None Detected
<b>Total Coliforms**</b>	None Detected
<b>Total Yeast and Molds**</b>	None Detected
<b>E. coli</b>	None Detected
<b>Salmonella</b>	None Detected

\* CFU/g = Colony Forming Unit per Gram

\*\* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples:  $10^2 = 100$  CFU  
 $10^3 = 1,000$  CFU  
 $10^4 = 10,000$  CFU  
 $10^5 = 100,000$  CFU

## NOTES:

Free from visual mold, mildew, and foreign matter

TYM: None Detected

Total Aerobic: None Detected

**FINAL APPROVAL**

Robert Belfon  
12-Jul-2020  
3:59 PM



Greg Zimpfer  
12-Jul-2020  
7:44 PM

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**A0036S**

<b>Batch ID:</b>		<b>Test ID:</b>	6479398.0032
<b>Reported:</b>	13-Jul-2020	<b>Method:</b>	TM17
<b>Type:</b>	Concentrate		
<b>Test:</b>	Pesticides		

**PESTICIDE RESIDUE**

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	41 - 2492	ND*	Malathion	305 - 2492	ND*
Acetamiprid	44 - 2492	ND*	Metalaxyl	41 - 2492	ND*
Abamectin	>365	ND*	Methiocarb	42 - 2492	ND*
Azoxystrobin	45 - 2492	ND*	Methomyl	41 - 2492	ND*
Bifenazate	38 - 2492	ND*	MGK 264 1	168 - 2492	ND*
Boscalid	35 - 2492	ND*	MGK 264 2	99 - 2492	ND*
Carbaryl	45 - 2492	ND*	Myclobutanil	47 - 2492	ND*
Carbofuran	44 - 2492	ND*	Naled	42 - 2492	ND*
Chlorantraniliprole	49 - 2492	ND*	Oxamyl	39 - 2492	ND*
Chlorpyrifos	39 - 2492	ND*	Paclobutrazol	45 - 2492	ND*
Clofentezine	283 - 2492	ND*	Permethrin	267 - 2492	ND*
Diazinon	299 - 2492	ND*	Phosmet	41 - 2492	ND*
Dichlorvos	>288	ND*	Prophos	298 - 2492	ND*
Dimethoate	43 - 2492	ND*	Propoxur	44 - 2492	ND*
E-Fenpyroximate	27 - 2492	ND*	Pyridaben	42 - 2492	ND*
Etofenprox	42 - 2492	ND*	Spinosad A	30 - 2492	ND*
Etoxazole	297 - 2492	ND*	Spinosad D	79 - 2492	ND*
Fenoxycarb	>42	ND*	Spiromesifen	>294	ND*
Fipronil	58 - 2492	ND*	Spirotetramat	>302	ND*
Flonicamid	44 - 2492	ND*	Spiroxamine 1	15 - 2492	N/A
Fludioxonil	>304	ND*	Spiroxamine 2	18 - 2492	N/A
Hexythiazox	43 - 2492	ND*	Tebuconazole	308 - 2492	ND*
Imazalil	287 - 2492	ND*	Thiacloprid	43 - 2492	ND*
Imidacloprid	47 - 2492	ND*	Thiamethoxam	40 - 2492	ND*
Kresoxim-methyl	49 - 2492	ND*	Trifloxystrobin	43 - 2492	ND*

\* ND = None Detected (Defined by Dynamic Range of the method)

N/A

**FINAL APPROVAL**

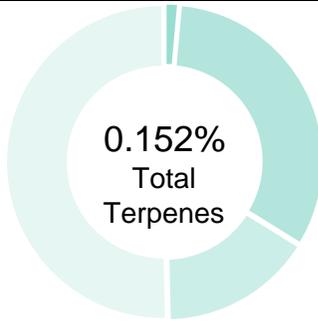
 Tyler Wiese  
 13-Jul-2020  
 5:15 PM  
 PREPARED BY / DATE


 Greg Zimpfer  
 13-Jul-2020  
 6:59 PM  
 APPROVED BY / DATE

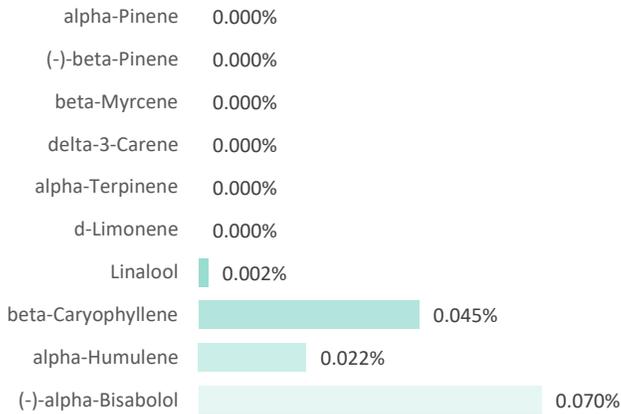
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**A0036S**

<b>Batch ID:</b>		<b>Test ID:</b>	6090757.007
<b>Reported:</b>	14-Jul-2020	<b>Method:</b>	TM10
<b>Type:</b>	Concentrate		
<b>Test:</b>	Terpenes		

**TERPENE PROFILE**


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.070	0.7
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.045	0.45
(-)-Caryophyllene Oxide	0.008	0.08
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.022	0.22
(-)-Isopulegol	0.000	0
d-Limonene	0.000	0
Linalool	0.002	0.02
beta-Myrcene	0.000	0
cis-Nerolidol	0.000	0
trans-Nerolidol	0.005	0.05
Ocimene	0.000	0
beta-Ocimene	0.000	0
alpha-Pinene	0.000	0
(-)-beta-Pinene	0.000	0
alpha-Terpinene	0.000	0
gamma-Terpinene	0.000	0
Terpinolene	0.000	0
	<b>0.152%</b>	<b>1.52</b>

**PREDOMINANT TERPENES**

**NOTES:**

0

**FINAL APPROVAL**

 Ryan Weems 14-Jul-2020 5:46 PM	 Ben Minton 14-Jul-2020 6:32 PM
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A0036S

<b>Batch ID:</b>		<b>Test ID:</b>	t000075216
<b>Reported:</b>	14-May-2020	<b>Method:</b>	TM04
<b>Type:</b>	Concentrate		
<b>Test:</b>	Residual Solvents		

## RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	77 - 1543	*ND
Butanes (Isobutane, n-Butane)	151 - 3013	*ND
Methanol	63 - 1257	*ND
Pentane	93 - 1851	*ND
Ethanol	89 - 1773	*ND
Acetone	102 - 2040	*ND
Isopropyl Alcohol	106 - 2111	*ND
Hexane	6 - 126	*ND
Ethyl Acetate	104 - 2070	*ND
Benzene	0.2 - 4.1	*ND
Heptanes	98 - 1950	*ND
Toluene	19 - 374	*ND
Xylenes (m,p,o-Xylenes)	135 - 2703	*ND

\* ND = None Detected (Defined by Dynamic Range of the method)

NOTES:  
N/A

## FINAL APPROVAL



Ryan Weems  
14-May-2020  
7:38 PM

PREPARED BY / DATE



Ben Minton  
14-May-2020  
8:38 PM

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