CERTIFICATE OF ANALYSIS
CW ANALYTICAL LABORATORIES | 510.545.6984
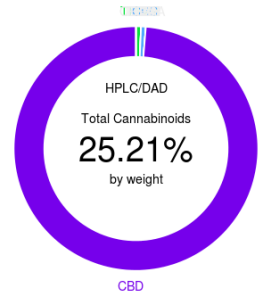
Sample Name: TRT-GCOIL25-LE17235-1B
Client: treatibles
Sample Type: Oil
Strain: Unknown

Submitted: November 30, 2017
Tested: November 30, 2017
Expires: May 29, 2018
Submitted for: HPLC, Chemres, Micro, Terpenes,

Cannabinoid Profiling
Analysis of major cannabinoids by advanced chromatography. [GC: SOP-010; HPLC: SOP-014]

	HPLC		GC	
	Percent	**mg/g**	**Percent**	**mg/g**
d9-THC	0.17	1.69	NA	NA
d8-THC	ND*	ND*	NA	NA
THCA	ND*	ND*	NA	NA
THCV	ND*	ND*	NA	NA
CBC	0.16	1.58	NA	NA
CBG	ND*	ND*	NA	NA
CBGA	ND*	ND*	NA	NA
CBN	ND*	ND*	NA	NA
CBD	24.89	248.87	NA	NA
CBDV	ND*	ND*	NA	NA
CBDA	ND*	ND*	NA	NA
Total	25.21	252.14	NA	NA

HPLC/DAD results are not moisture normalized.
~100% Decarboxylated THC

HPLC/DAD
Total Cannabinoids
25.21%
by weight
CBD

Microbiological Screening
Petriflim screening for microbiological contamination. [SOP-009]

	Count	**Client Limit****	**Status*****
APC	ND[1]	100000	Pass
Yeast & Mold		10000	
Coliform	NA	100	
E coli	NA	100	
Pseudomonas	NA	0	
Salmonella	NA	0	

*TNTC = Too Numerous To Count
**Client Limit = The limit is self-selected and will be replaced by official CA state limits when they become available.
***Pass/Fail based on client limit selected.
[1]ND = Not Detected

Terpene Profiling
Analysis of terpenes. [SOP-012]

	Percent		**Percent**		**Percent**
b-Myrcene	ND*	Sabinene	ND*	Elemene	ND*
Nerol	ND*	b-Pinene	ND*	Phellandrene	ND*
Nerolidol	ND*	Camphene	ND*	Isopulegol	ND*
Ocimene	ND*	Eucalyptol	ND*	Linalool	ND*
a-Bisbolol	0.01	(-)-Fenchone	ND*	(+)-Fenchone	ND*
Farnasene	ND*	Fenchol	ND*	a-Caryophyllene	ND*
Valencene	ND*	Camphor	ND*	Guaiol	ND*
d3-Carene	ND*	Borneol	ND*	Bergamotene	ND*
d-Limonene	ND*	Pulegone	ND*	Terpineol	ND*
g-Terpinene	ND*	Cedrol	0.01	Terpinolene	ND*
a-Pinene	ND*	b-Caryophyllene	0.01	a-Terpinene	ND*

Total Terpenes   **0.0 Percent**
*ND = Not Detected

Residual Solvent Analysis
Analysis of residual solvents. [SOP-011]

	PPM	Client Limit**		PPM	Client Limit**
Acetone	NA	400	Isopropanol	NA	400
Benzene	NA	400	Methanol	NA	400
Ethanol	NA	400	nButane	NA	400
Heptane	NA	400	Pentane	NA	400
Hexane	NA	400	Propane	NA	400
Isobutane	NA	400	Toluene	NA	400

*ND = Not Detected
**Client Limit is self-selected and will be replaced by official CA State limits when they become available

This sample was tested by CW Analytical Laboratories.
Results are valid through the expiration date indicated.

Robert W Martin, PhD

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Chemical Residue Screening
Targeted analysis of chemical residues. [SOP-017]

	PPB	Client Limit*	Status***		PPB	Client Limit**	Status***
Abamectin	ND*	500	Pass	Imidacloprid	ND*	400	Pass
Azoxystrobin	ND*	200	Pass	Malathion	ND*	200	Pass
Bifenazate	ND*	200	Pass	Metalaxyl	ND*	200	Pass
Bifenthrin	ND*	200	Pass	Myclobutanil	ND*	200	Pass
Boscalid	ND*	400	Pass	Paclobutrazol	ND*	400	Pass
Carbaryl	ND*	200	Pass	Permethrin	ND*	200	Pass
Dichlorvos	ND*	1000	Pass	Spirotetramat	ND*	200	Pass
Etoxazole	ND*	200	Pass	Tebuconazole	ND*	400	Pass
Fenoxycarb	ND*	200	Pass	Trifloxystrobin	ND*	200	Pass
Imazalil	ND*	200	Pass		ND*		

Sum of Chem. Residues   0 PPB

*ND = Not Detected
**Client Limit is self-selected and will be replaced by official CA State limits when they become available
****Pass/Fail based on client limit selected.

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