

Certificate of Analysis- Pure Analytics InfoTest™

Customer Name: Balance CBD
Sample Name: Balance CBD - Isolate Tincture - 500 mg
Sample Batch I.D.: NA
Lab Sample I.D.: AX10017-6
Sample Type: Tincture
Date Received: 6/17/2020
Date Tested: 6/18-6/19/2020
Date Reported: 6/19/2020
QC Batch(es): PA16507
Tests Performed: Cannabinoids

Results Summary:

Item	Report Status
Cannabinoids	NA
Pesticides	NT
Residual Solvent	NT
Water Activity	NT
Microbiology	NT
Moisture Content	NT
Filth & Foreign	NT
Mycotoxins	NT
Heavy Metals	NT
Terpenes	NT

Cannabinoid Analysis:

THC	THCA	d-8 THC	CBD	CBDA	CBN	CBC	CBCA	CBG	CBGA	CBL	THCV	THCVA	CBDV	CBDVA	Total THC*	Total CBD**	Total
% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.
ND	ND	ND	1.92%	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	1.92%	1.92%
mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL
ND	ND	ND	18.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.13	18.13

Flowers Reported on % DRY WT. Basis; *Total THC=(THCA * 0.877) + THC + d-8 THC; **Total CBD=(CBDA * 0.877) + CBD
 Method: Extraction by Methanol, IPA, Acetonitrile or Ethanol with sonication and HPLC-DAD confirmation analysis as needed by GC-FID analysis

Residual Solvent:

Method: Full Evaporation Technique by GC-MS

CA CATEGORY 1

Compound	(ug/g)	Inhal. Action Lim. (ug/g)	Other Action Lim. (ug/g)	PASS/FAIL	LOQ (ug/g)	LOD (ug/g)	NOTES:
1,2-Dichloroethane	NA	1.0	1.0	NA	1.00	0.80	
Benzene	NA	1.0	1.0	NA	1.00	0.20	
Chloroform	NA	1.0	1.0	NA	1.00	0.20	
Ethylene Oxide	NA	1.0	1.0	NA	1.00	0.80	
Methylene chloride	NA	1.0	1.0	NA	1.00	0.80	
Trichloroethylene	NA	1.0	1.0	NA	1.00	0.20	

CA CATEGORY 2

Compound	(ug/g)	Inhal. Action Lim. (ug/g)	Other Action Lim. (ug/g)	PASS/FAIL	LOQ (ug/g)	LOD (ug/g)	NOTES:
n-Butane	NA	5000	5000	NA	2.0	0.50	
n-Pentane	NA	5000	5000	NA	2.0	0.50	
Acetone	NA	5000	5000	NA	2.0	0.50	
Ethanol	NA	5000	5000	NA	2.0	0.50	
n-Hexane	NA	290	290	NA	2.0	0.50	
Methanol	NA	3000	3000	NA	2.0	0.50	
2-Propanol	NA	5000	5000	NA	2.0	0.50	
Acetonitrile	NA	410	410	NA	5.0	1.00	
Ethyl acetate	NA	5000	5000	NA	2.0	0.50	
n-Heptane	NA	5000	5000	NA	2.0	0.50	
Ether	NA	5000	5000	NA	2.0	0.50	
Toluene	NA	890	890	NA	2.0	0.50	
Total xylenes	NA	2170	2170	NA	2.0	0.50	
Propane	NA	5000	5000	NA	2.0	0.50	
Total Cat. 1 & 2	NA						

Heavy Metals:

Method: Acid digestion in heated block. Analysis using graphite furnace, atomic fluorescence spectroscopy, atomic absorption decomposition analysis

Compound	(ug/g)	Inhal. Action Lim. (ug/g)	Other Action Lim. (ug/g)	PASS/FAIL	LOQ (ug/g)	LOD (ug/g)	NOTES:
Mercury	NA	0.1	3	NA	0.03	0.006	
Lead	NA	0.5	0.5	NA	0.10	0.020	
Cadmium	NA	0.2	0.5	NA	0.02	0.004	
Arsenic	NA	0.2	1.5	NA	0.20	0.040	

Microbiology Analysis:

Analysis	PASS/FAIL	Analysis	CFU/g
E. coli	NA	APC	NA
Salmonella	NA	Total coliform	NA
Aspergillus	NA	Pseudomonas	NA
nigens NA	terreus NA	Total yeast & mold	NA
flavus NA	fumigatus NA	Enterobacteriaceae	NA

Testing performed by:

Pure Analytics
 5468 Skylane Blvd Ste 102
 Santa Rosa, CA 95403
 CA License #: C8-000018-LIC

The results contained in this report only pertain to the specific sample submitted.
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ND: Not Detected

NA: Not Applicable; NT: Test Not Performed

Approved by: *Samantha J. Miller*

Certificate of Analysis- Pure Analytics InfoTest™

Customer Name: Balance CBD
Sample Name: Balance CBD Isolate Tinctures
Lab Sample I.D.: AXL0015-1A
Sample Type: Tincture
Date Received: 6/11/2020
Date Tested: 6/12-6/15/2020
Date Reported: 6/15/2020

QC Batch(es): PA16486,487,489,495

Tests Performed: Pesticides, RSA, Heavy Metals

Results Summary:		Microbiology Analysis:	
Item	Report Status	Analysis	PASS/FAIL
Overall Sample	NA	E. coli	NA
Cannabinoids	NT	Salmonella	NA
Pesticides	PASS	Aspergillus	NA
Residual Solvent	PASS	nigers	NA
Moisture	NT	terreus	NA
Microbiological Contamination	NT	flavus	NA
Filth & Foreign	NT	fumigatus	NA
Mycotoxins	NT	Water Activity	NT
Heavy Metals	PASS	Moisture %	NT

Methods: Aspergillus, Standard Methods; Total Coliform/E.coli- AOAC 991.14; Aspergillus Salmonella- OMA 2014.01;

Cannabinoid Analysis:

THC	THCA	d-8 THC	CBD	CBDA	CBN	CBC	CBCA	CBG	CBGA	CBL	THCV	THCVA	CBDV	CBDVA	Total THC*	Total CBD**	Total
% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.	% wt.
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	mg/g
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL	mg/mL
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Flowers Reported on % DRY WT. Basis; *Total THC=(THCA * 0.877) + THC + d-8 THC; **Total CBD=(CBDA * 0.877) + CBD
Method: Extraction by Methanol, IPA, Acetonitrile or Ethanol with sonication and HPLC-DAD confirmation analysis as needed by GC-FID analysis

Residual Solvent:

Method: Full Evaporation Technique by GC-MS

CA CATEGORY 1							CA CATEGORY 2								
Compound	(ug/g)	Inhal. Action Lim. (ug/g)	Other Action Lim. (ug/g)	PASS/FAIL	LOQ (ug/g)	LOD (ug/g)	NOTES:	Compound	(ug/g)	Inhal. Action Lim. (ug/g)	Other Action Lim. (ug/g)	PASS/FAIL	LOQ (ug/g)	LOD (ug/g)	NOTES:
1,2-Dichloroethane	ND	1.0	1.0	PASS	1.00	0.80		n-Butane	ND	5000	5000	PASS	2.0	0.50	
Benzene	ND	1.0	1.0	PASS	1.00	0.20		n-Pentane	ND	5000	5000	PASS	2.0	0.50	
Chloroform	ND	1.0	1.0	PASS	1.00	0.20		Acetone	ND	5000	5000	PASS	2.0	0.50	
Ethylene Oxide	ND	1.0	1.0	PASS	1.00	0.80		Ethanol	ND	5000	5000	PASS	2.0	0.50	
Methylene chloride	ND	1.0	1.0	PASS	1.00	0.80		n-Hexane	ND	290	290	PASS	2.0	0.50	
Trichloroethylene	ND	1.0	1.0	PASS	1.00	0.20		Methanol	ND	3000	3000	PASS	2.0	0.50	
								2-Propanol	ND	5000	5000	PASS	2.0	0.50	
								Acetonitrile	ND	410	410	PASS	5.0	1.00	
								Ethyl acetate	ND	5000	5000	PASS	2.0	0.50	
								n-Heptane	6.9	5000	5000	PASS	2.0	0.50	
								Ether	ND	5000	5000	PASS	2.0	0.50	
								Toluene	ND	890	890	PASS	2.0	0.50	
								Total xylenes	ND	2170	2170	PASS	2.0	0.50	
								Propane	ND	5000	5000	PASS	2.0	0.50	
								Total Cat. 1 & 2	6.9						

Heavy Metals:

Method: Acid digestion in heated block. Analysis using graphite furnace, atomic fluorescence spectroscopy, atomic absorption decomposition analysis

Compound	(ug/g)	Inhal. Action Lim. (ug/g)	Other Action Lim. (ug/g)	PASS/FAIL	LOQ (ug/g)	LOD (ug/g)	NOTES:
Mercury	ND	0.1	3	PASS	0.03	0.006	
Lead	ND	0.5	0.5	PASS	0.10	0.020	
Cadmium	ND	0.2	0.5	PASS	0.02	0.004	
Arsenic	ND	0.2	1.5	PASS	0.20	0.040	

Homogeneity Testing:

Relative Standard Deviation **NT**
 Homogeneity Result **NT**

Label Claim Verification:

Package Claim Verification Results
 % Difference **NA NA**
 PASS/FAIL

Filth and Foreign Material:

Inspection Results **NA**
 Observations

Testing performed by:

Pure Analytics
 5468 Skylane Blvd Ste 102
 Santa Rosa, CA 95403
 CA License #: CB-0000018-LIC

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Approved by: *Samantha J. Miller*