

March 2019 | Innovet Pet Products & TLM Research Labs LLC



Hemp Rich EquinePCR+ COA

Contents

Innovet Internal COA's

Equine PCR 1

Independent Analysis

Equine PCR CannaSafe 2 & 3

Ingredient #1 Hemp Oil

Organic Certification 4

Microbiological & Solvent Test 5

Chemical Residue Test 6

Ingredient #2 PCR Oil

Full Spec Potency & MicroBiological Test 7

Chemical Residue Test 8

Terpene Profile 9

CERTIFICATE OF ANALYSIS



TESTED WITH GAS CHROMATOGRAPHY USING SRI MODEL 310C

DATE: 03-14-19

TESTED BY: Josh Balbas

PRODUCT NAME: EquinePCR+

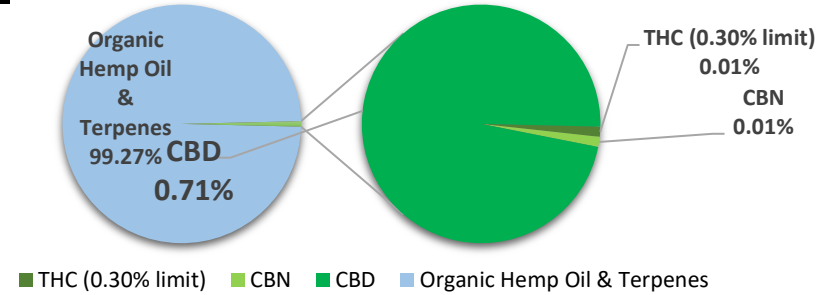
TYPE: PhytoCannabinoid Rich Full Spectrum Organic Hemp Pellets

Batch # | Lot #

Total Ingredients	Total %	mg per bag
THC (0.30% limit)	0.01%	31.71
CBN	0.01%	31.71
CBD	0.71%	3248
Organic Hemp Oil & Terpenes	99.91%	453000

Total Ingredients

PhytoCannabinoids



Note: This sample is tested in-house to supplement 3rd party tests. The results of the 3rd party tests are found on the next page. Our testing facility is not ISO/IEC certified.

The following test results are the average of 10 tests performed on each day of production. These tests were performed in-house at Innovet Pet Products & TLM Research Labs LLC. The state of California allows 3rd party testers an error rate for us far too big for us to trust. Accordingly, we formed our own in-house test lab to test every sample 10 times, then we take the average of those tests to produce the most accurate results possible.

This sample has been tested and reviewed by:

x 

Matthew Terrill, CEO
888-269-3154 x706

Equine PCR

Sample ID: 1903CSALA1562.5464
Strain: Equine PCR
Matrix: Ingestible
Type: Other
Sample Size: 1 units; Batch:

Produced: N/A
Collected: 03/07/2019
Received: 03/07/2019
Completed: 03/14/2019
Batch#: V2A

Client
Innovet Pet Products
Lic. #
1440 W 178th St.
Gardena, CA 90248



Summary

Complete

8.33 mg/g Total Cannabinoids	Not Tested Pesticides	Not Tested Residual Solvents
Not Tested Microbials	Not Tested Mycotoxins	Not Tested Heavy Metals

Cannabinoids

Complete

Testing method: HPLC-SOP 101

Analyte	LOD	LOQ	Mass	Mass
	mg/g	mg/g	mg/g	%
THCa	0.00022	0.0010	ND	ND
Δ9-THC	0.00042	0.0010	0.07	0.01
Δ8-THC	0.00042	0.0010	ND	ND
THCV	0.00039	0.0010	ND	ND
CBDa	0.00020	0.0010	2.44	0.24
CBD	0.00037	0.0010	5.03	0.50
CBDV	0.00010	0.0010	ND	ND
CBN	0.00016	0.0010	0.06	0.01
CBGa	0.00020	0.0010	0.09	0.01
CBG	0.00037	0.0010	0.28	0.03
CBC	0.00014	0.0010	0.36	0.04
Total			8.33	0.83

0.07 mg/g
Total THC

7.17 mg/g
Total CBD

1 Unit = 1 Bag, 453g; 1 servings per container; 0.1 mg/g THC per container

Terpenes

Not Tested

Testing method: HS-GC-FID - SOP 201

Analyte	LOD	LOQ	Mass	Mass
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Date Tested: 03/14/2019

Total THC = THCa * 0.877 + d9-THC

Total CBD = CBDa * 0.877 + CBD

LOQ = Limit of Quantitation; LOD = Limit of Detection; NR = Not Reported; NT = Not Tested; ND = Not Detected. The reported result is based on a sample weight with the applicable moisture content for that sample;

NT Moisture Moisture Analyzer SOP-103 Date Tested:	NT Water Activity Water Activity Meter SOP-102 Date Tested:	Not Tested Foreign Matter Visual Inspection SOP-001 Date Tested:
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ISO / IEC 17025:2017 ACCREDITED LABORATORY
Accreditation No. 73653

Mallory Speakman
Laboratory Director - LA
03/14/2019

Anya Engen
Quality Manager
03/14/2019



EquinePCR

Sample ID: 1904CSALA2418.8480

Strain: EquinePCR

Matrix: Ingestible

Type: Other

Sample Size: 1.0 units

Batch Size:

Produced: N/A

Collected: 04/01/2019

Received: 04/01/2019

Completed: 04/09/2019

Batch#: V2

Client

Innovet Pet Products

Lic. #

Gardena, CA, 90248

Pesticides

Testing method: LCMS & GCMS-SOP 301

Pass

Analyte	LOD	LOQ	Limit	Mass	Status	Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.018	0.059	0.3	ND	Pass	Fludioxonil	0.007	0.024	30.0	ND	Pass
Acephate	0.009	0.029	5.0	ND	Pass	Hexythiazox	0.007	0.024	2.0	ND	Pass
Acequinocyl	0.005	0.018	4.0	ND	Pass	Imazalil *	0.004	0.012	0.1	ND	Pass
Acetamiprid	0.004	0.013	5.0	ND	Pass	Imidacloprid	0.039	0.129	3.0	ND	Pass
Aldicarb *	0.004	0.013	0.1	ND	Pass	Kresoxim Methyl	0.005	0.017	1.0	ND	Pass
Azoxystrobin	0.006	0.019	40.0	ND	Pass	Malathion	0.01	0.032	5.0	ND	Pass
Bifenazate	0.004	0.014	5.0	ND	Pass	Metalaxyl	0.003	0.01	15.0	ND	Pass
Bifenthrin	0.008	0.027	0.5	ND	Pass	Methiocarb *	0.006	0.02	0.1	ND	Pass
Boscalid	0.006	0.019	10.0	ND	Pass	Methomyl	0.009	0.03	0.1	ND	Pass
Captan	0.0789	0.2631	5.0	ND	Pass	Methyl Parathion *	0.007	0.0233	0.1	ND	Pass
Carbaryl	0.005	0.015	0.5	ND	Pass	Mevinphos *	0.003	0.011	0.1	ND	Pass
Carbofuran *	0.005	0.018	0.1	ND	Pass	Myclobutanil	0.017	0.058	9.0	ND	Pass
Chlorantraniliprole	0.007	0.024	40.0	ND	Pass	Naled	0.007	0.024	0.5	ND	Pass
Chlordane *	0.0291	0.0969	0.1	ND	Pass	Oxamyl	0.003	0.009	0.2	ND	Pass
Chlorfenapyr *	0.01	0.033	0.1	ND	Pass	Paclobutrazol *	0.013	0.044	0.1	ND	Pass
Chlorpyrifos *	0.005	0.017	0.1	ND	Pass	Pentachloronitrobenzene	0.0046	0.0152	0.2	ND	Pass
Clofentezine	0.006	0.019	0.5	ND	Pass	Permethrin	0.011	0.036	20.0	ND	Pass
Coumaphos *	0.009	0.028	0.1	ND	Pass	Phosmet	0.007	0.025	0.2	ND	Pass
Cyfluthrin	0.008	0.026	1.0	ND	Pass	Piperonyl Butoxide	0.005	0.018	8.0	ND	Pass
Cypermethrin	0.013	0.044	1.0	ND	Pass	Prallethrin	0.007	0.024	0.4	ND	Pass
Daminozide *	0.021	0.07	0.1	ND	Pass	Propiconazole	0.008	0.026	20.0	ND	Pass
DDVP *	0.004	0.012	0.1	ND	Pass	Propoxur *	0.004	0.013	0.1	ND	Pass
Diazinon	0.005	0.017	0.2	ND	Pass	Pyrethrins	0.003	0.01	1.0	ND	Pass
Dimethoate *	0.003	0.011	0.1	ND	Pass	Pyridaben	0.008	0.027	3.0	ND	Pass
Dimethomorph	0.007	0.023	20.0	ND	Pass	Spinetoram	0.007	0.022	3.0	ND	Pass
Ethoprophos *	0.004	0.013	0.1	ND	Pass	Spinosad	0.005	0.016	3.0	ND	Pass
Etofenprox *	0.005	0.017	0.1	ND	Pass	Spiromesifen	0.007	0.023	12.0	ND	Pass
Etoxazole	0.006	0.018	1.5	ND	Pass	Spirotetramat	0.009	0.03	13.0	ND	Pass
Fenhexamid	0.009	0.03	10.0	ND	Pass	Spiroxamine *	0.006	0.019	0.1	ND	Pass
Fenoxycarb *	0.007	0.022	0.1	ND	Pass	Tebuconazole	0.013	0.042	2.0	ND	Pass
Fenpyroximate	0.009	0.03	2.0	ND	Pass	Thiacloprid *	0.007	0.023	0.1	ND	Pass
Fipronil *	0.017	0.056	0.1	ND	Pass	Thiamethoxam	0.004	0.013	4.5	ND	Pass
Flonicamid	0.0244	0.0814	2.0	ND	Pass	Trifloxystrobin	0.004	0.014	30.0	ND	Pass

Date Tested: 04/05/2019

* Denotes Category I pesticides, which fail when detected; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.


 ISO / IEC 17025:2017 ACCREDITED LABORATORY
 Accreditation No. 73653

 Mallory Speakman
 Laboratory Director - LA
 04/09/2019

 Anya Engen
 Quality Manager
 04/09/2019

Documentary evidence to the operator according to Article 29 (1)
of Regulation (EC) No. 834/2007

ORGANIC CERTIFICATE

The operator:

Z Company v.o.f.

Z Company v.o.f. \\ Collse Heide 54, 5674 VN NUENEN, NETHERLANDS

Skal number **102049** \\ Certificate number **1042930** \\ NL-BIO-01

This certificate has been issued on the basis of Article 29 (1) of Regulation (EC) No. 834/2007 and Regulation (EC) No. 889/2008 for:

1. **Manufacturing**
Manufacture of food products
2. **Wholesale and retail trade**
Retail trade, Wholesale trade
3. **Transport and storage**
Warehousing and support activities for transportation

The operator has submitted his activities under control and meets the requirements laid down in the named regulations. This implies that the products and/or processes mentioned meet the requirements for organic production.

This certificate is valid from 08 August 2017 to 31 December 2018 as laid down in the Annex and under defined circumstances.



M. van Brakel, general manager
Zwolle, 08 August 2017

latest date of inspection: 16 February 2017

Sample Name: PurCBD RGANIC HEMP OIL

Client: tlmresearchlabs
 Sample Type: Infusedoil
 Strain: Unknown
 Moisture: 0.0% [LPG-001]

Submitted: December 07, 2018
 Tested: December 07, 2018
 Expires: December 05, 2019
 Submitted for: Chemres, Micro, Residual Solvent,

Profiling by Liquid Chromatography -

(SOP-014) | Date Performed:

Cannabinoid	Percent	mg/g	LOQ (mg/g)	LOD (mg/g)	L.C. ¹	Status
d9-THC	NA	NA				
d8-THC	NA	NA				
THCA	NA	NA				
THCV	NA	NA				
CBG	NA	NA				
CBGA	NA	NA				
CBN	NA	NA				
CBD	NA	NA				
CBDV	NA	NA				
CBDA	NA	NA				
Total	NA	NA	NA	NA	-	



Total THC - -
Total CBD - -

¹L.C. = Label Claim in Percentage (%)
 Total THC = ((THCA*0.877)+ d9-THC)
 Total CBD = ((CBDA*0.877)+ CBD)

Microbiological Screening - Pass

Petrifilm screening for microbiological contamination. [SOP-009] | Date Performed: 2018-12-10

	Analysis	Limit of Detection	Action Limits	Status
Shiga-Toxin E. Coli	< A.L.	< 1 cfu/g	1 cfu/g	Pass
Salmonella	< A.L.	< 1 cfu/g	1 cfu/g	Pass

*TNTC = Too Numerous To Count

¹ND = Not Detected

Residual Solvent Analysis - Pass

Analysis of residual solvents. [SOP-011] | Date Performed: 2018-12-10

Solvent	ug/g	Action Limit	LOQ (ug/g)	LOD (ug/g)	Status
Benzene	< A.L.	0.00	1.00	0.33	Pass
Chloroform	< A.L.	0.00	1.00	0.33	Pass
1-2-Dichloroethane	< A.L.	0.00	1.00	0.33	Pass
Ethylene Oxide	< A.L.	0.00	1.00	0.33	Pass
Methylene Chloride	< A.L.	0.00	1.00	0.33	Pass
Trichloroethylene	< A.L.	0.00	1.00	0.33	Pass
Acetone	< A.L.	5000.00	150.00	10.00	Pass
Acetonitrile	< A.L.	410.00	6.00	2.30	Pass
Ethanol	< A.L.	5000.00	250.00	2.00	Pass
Ethyl Acetate	< A.L.	5000.00	250.00	2.00	Pass
Diethyl ether	< A.L.	5000.00	250.00	2.00	Pass
Heptane	< A.L.	5000.00	250.00	2.00	Pass
Hexane	< A.L.	290.00	6.00	2.00	Pass
Isopropanol	< A.L.	5000.00	50.00	10.00	Pass
Methanol	< A.L.	3000.00	50.00	10.00	Pass
N-Butane	< A.L.	5000.00	50.00	6.50	Pass
Pentane	< A.L.	5000.00	50.00	1.00	Pass
Propane	< A.L.	5000.00	200.00	10.00	Pass
Toluene	< A.L.	890.00	3.00	1.00	Pass
Total Xylenes	< A.L.	2170.00	3.00	1.00	Pass

¹ND = Not Detected
 **Client Limit is self-selected and will be replaced by official CA State limits when they become available

Foreign Material Analysis -

Analysis to determine whether foreign material is present | Date Performed:

Analysis	Status

CW uses its best efforts to deliver high-quality results and to verify that the data contained therein are based on sound scientific judgment. However, CW makes no warranties or claims to that effect and further shall not be liable for any damage or misrepresentation that may result from the use or misuse of these data in any way. Further, CW makes no claims regarding the representativeness of the analyzed sample to the larger batch from which it was taken. The limit of liability accepted by CW Analytical is limited to the total amount invoiced for services provided. As part of our strict confidentiality policy, CW can only discuss results with the original client of record. Comments? lab@cwanalytical.com



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

Robert W Martin, PhD
 Robert W Martin, PhD

Sample Name: PurCBD RGANIC HEMP OIL

Client: tlmresearchlabs
 Sample Type: Infusedoil
 Strain: Unknown
 Moisture: 0.0% [LPG-001]

Submitted: December 07, 2018
 Tested: December 07, 2018
 Expires: December 05, 2019
 Submitted for: Chemres, Micro, Residual Solvent,

Chemical Residue Screening - Pass

Targeted analysis of chemical residues. [SOP-017] | Date Performed: 2018-12-12

ug/g	LOQ (ug/g)	LOD (ug/g)	Action Limit	Status	ug/g	LOQ (ug/g)	LOD (ug/g)	Action Limit	Status	
< A.L.	0.02	0.01	0.30	Pass	Fludioxonil	< A.L.	0.01	0.01	30.00	Pass
< A.L.	0.12	0.04	5.00	Pass	Hexythiazox	< A.L.	0.02	0.01	2.00	Pass
< A.L.	0.01	0.01	4.00	Pass	Imazalil	< A.L.	0.00	0.00	0.00	Pass
< A.L.	0.01	0.01	5.00	Pass	Imidacloprid	< A.L.	0.01	0.01	3.00	Pass
< A.L.	0.02	0.01	0.00	Pass	Kresoxim-methyl	< A.L.	0.01	0.01	1.00	Pass
< A.L.	0.01	0.01	40.00	Pass	Malathion	< A.L.	0.03	0.01	5.00	Pass
< A.L.	0.01	0.01	5.00	Pass	Metalaxyl	< A.L.	0.00	0.00	15.00	Pass
< A.L.	0.07	0.02	0.50	Pass	Methiocarb	< A.L.	0.01	0.01	0.00	Pass
< A.L.	0.01	0.01	10.00	Pass	Methomyl	< A.L.	0.01	0.01	0.10	Pass
< A.L.	0.03	0.01	5.00	Pass	Mevinphos	< A.L.	0.01	0.01	0.00	Pass
< A.L.	0.01	0.01	0.50	Pass	Myclobutanil	< A.L.	0.01	0.01	9.00	Pass
< A.L.	0.01	0.01	0.00	Pass	Naled	< A.L.	0.02	0.01	0.50	Pass
< A.L.	0.02	0.01	40.00	Pass	Oxamyl	< A.L.	0.02	0.01	0.20	Pass
< A.L.	0.05	0.02	0.00	Pass	Pacllobutrazol	< A.L.	0.01	0.01	0.00	Pass
< A.L.	0.02	0.01	0.00	Pass	Parathion methyl	< A.L.	0.06	0.02	0.00	Pass
< A.L.	0.05	0.02	0.00	Pass	PCNB	< A.L.	0.02	0.01	0.20	Pass
< A.L.	0.02	0.01	0.50	Pass	Permethrin	< A.L.	0.02	0.01	20.00	Pass
< A.L.	0.02	0.01	0.00	Pass	Phosmet	< A.L.	0.01	0.01	0.20	Pass
< A.L.	0.05	0.02	1.00	Pass	Piperonyl butoxide	< A.L.	0.01	0.01	8.00	Pass
< A.L.	0.04	0.01	1.00	Pass	Prallethrin	< A.L.	0.03	0.01	0.40	Pass
< A.L.	0.02	0.01	0.00	Pass	Propiconazole	< A.L.	0.01	0.01	20.00	Pass
< A.L.	0.01	0.01	0.20	Pass	Propoxure	< A.L.	0.01	0.01	0.00	Pass
< A.L.	0.01	0.01	0.00	Pass	Pyrethrin	< A.L.	0.04	0.01	1.00	Pass
< A.L.	0.02	0.01	0.00	Pass	Pyridaben	< A.L.	0.00	0.00	15.00	Pass
< A.L.	0.01	0.01	20.00	Pass	Spinetoram	< A.L.	0.01	0.01	3.00	Pass
< A.L.	0.02	0.01	0.00	Pass	Spinosad	< A.L.	0.01	0.01	3.00	Pass
< A.L.	0.01	0.01	0.00	Pass	Spiromesifen	< A.L.	0.03	0.01	12.00	Pass
< A.L.	0.01	0.01	1.50	Pass	Spirotetramat	< A.L.	0.01	0.01	13.00	Pass
< A.L.	0.01	0.01	10.00	Pass	Spiroxamine	< A.L.	0.01	0.01	0.00	Pass
< A.L.	0.01	0.01	0.00	Pass	Tebuconazole	< A.L.	0.03	0.01	2.00	Pass
< A.L.	0.01	0.01	2.00	Pass	Thiacloprid	< A.L.	0.01	0.01	0.00	Pass
< A.L.	0.02	0.01	0.00	Pass	Thiamethoxam	< A.L.	0.01	0.01	4.50	Pass
< A.L.	0.02	0.01	0.20	Pass	Trifloxystrobin	< A.L.	0.01	0.01	30.00	Pass

*ND = Not Detected
 NT = Not Tested

Terpene Profiling -

Analysis of terpenes. [SOP-012] | Date Performed:

PPM	mg/g	LOQ (mg/g)	LOD (mg/g)	L.C. ²	Status	PPM	mg/g	LOQ (mg/g)	LOD (mg/g)	L.C. ²	Status
b-Myrcene	NT					Camphor	NT				
Nerol	NT					Borneol	NT				
Nerolidol	NT					Pulegone	NT				
Ocimene	NT					Cedrol	NT				
a-Bisbolol	NT					b-Caryophyllene	NT				
Farnasene	NT					Elemene	NT				
Valencene	NT					Phellandrene	NT				
d3-Carene	NT					Isopulegol	NT				
d-Limonene	NT					Linalool	NT				
g-Terpinene	NT					(+)-Fenchone	NT				
a-Pinene	NT					a-Caryophyllene	NT				
Sabinene	NT					Guaiol	NT				
b-Pinene	NT					Bergamotene	NT				
Camphene	NT					Terpineol	NT				
Eucalyptol	NT					Terpinolene	NT				
(-)-Fenchone	NT					a-Terpinene	NT				
Fenchol	NT										

Total Terpenes 0.0 PPM

¹ND = Not Detected
²L.C. = Label Claim

CW uses its best efforts to deliver high-quality results and to verify that the data contained therein are based on sound scientific judgment. However, CW makes no warranties or claims to that effect and further shall not be liable for any damage or misrepresentation that may result from the use or misuse of these data in any way. Further, CW makes no claims regarding the representativeness of the analyzed sample to the larger batch from which it was taken. The limit of liability accepted by CW Analytical is limited to the total amount invoiced for services provided. As part of our strict confidentiality policy, CW can only discuss results with the original client of record. Comments? lab@cwanalytical.com



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

Robert W Martin, PhD
 Robert W Martin, PhD

Sample Name: Innovet PurCBD+ Concentrate

Client: tlmresearchlabs

Sample Type: Oil

Strain: Unknown

Submitted: May 14, 2018

Tested: May 14, 2018

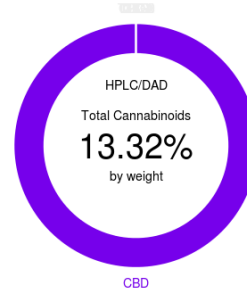
Expires: May 10, 2019

Submitted for: HPLC, Chemres, Micro, Terpenes,

Profiling by Liquid Chromatography - Pass

(SOP-014) | Date Performed: 2018-05-14

Cannabinoid	Percent	mg/g	LOQ (mg/g)	LOD (mg/g)	L.C. ¹	Status
d9-THC	<LOQ	<LOQ	5.00	1.67	-	Pass
d8-THC	ND ¹	ND ¹	5.00	1.67	-	Pass
THCA	ND ¹	ND ¹	5.00	1.67	-	Pass
THCV	ND ¹	ND ¹	5.00	1.67	-	Pass
CBG	<LOQ	<LOQ	5.00	1.67	-	Pass
CBGA	ND ¹	ND ¹	5.00	1.67	-	Pass
CBN	ND ¹	ND ¹	5.00	1.67	-	Pass
CBD	13.32	133.17	5.00	1.67	-	Pass
CBDV	<LOQ	<LOQ	5.00	1.67	-	Pass
CBDA	<LOQ	<LOQ	5.00	1.67	-	Pass
Total	13.32	133.17	NA	NA	-	Pass
Total THC	ND ¹	ND ¹	-	-	-	Pass
Total CBD	13.32	133.17	-	-	-	Pass



HPLC/DAD results are not moisture normalized.

¹100% Decarboxylated THC

¹L.C. = Label Claim in Percentage (%)

Total THC = ((THCA*0.877)+ d9-THC)

Total CBD = ((CBDA*0.877)+ CBD)

Microbiological Screening - Pass

Petrifilm screening for microbiological contamination. [SOP-009] | Date Performed: 2018-05-14

	Analysis	Limit of Detection	Action Limits	Status
Shiga-Toxin E. Coli	ND	< 1 cfu/g	1 cfu/g	Pass
Salmonella	ND	< 1 cfu/g	1 cfu/g	Pass
Aspergillus niger	ND	< 1 cfu/g	1 cfu/g	Pass
Aspergillus flavus	ND	< 1 cfu/g	1 cfu/g	Pass
Aspergillus fumigatus	ND	< 1 cfu/g	1 cfu/g	Pass
Aspergillus terreus	ND	< 1 cfu/g	1 cfu/g	Pass

*TNTC = Too Numerous To Count

*ND = Not Detected

Residual Solvent Analysis -

Analysis of residual solvents. [SOP-011] | Date Performed:

Solvent	ug/g	Action Limit	LOQ (ug/g)	LOD (ug/g)	Status
Benzene	NT				
Chloroform	NT				
1,2-Dichloroethane	NT				
Ethylene Oxide	NT				
Methylene Chloride	NT				
Trichloroethylene	NT				
Acetone	NT				
Acetonitrile	NT				
Ethanol	NT				
Ethyl Acetate	NT				
Diethyl ether	NT				
Heptane	NT				
Hexane	NT				
Isopropanol	NT				
Methanol	NT				
N-Butane	NT				
Pentane	NT				
Propane	NT				
Toluene	NT				
Total Xylenes	NT				

*ND = Not Detected

**Client Limit is self-selected and will be replaced by official CA State limits when they become available

Foreign Material Analysis -

Analysis to determine whether foreign material is present | Date Performed:

Analysis	Status

CW uses its best efforts to deliver high-quality results and to verify that the data contained therein are based on sound scientific judgment. However, CW makes no warranties or claims to that effect and further shall not be liable for any damage or misrepresentation that may result from the use or misuse of these data in any way. Further, CW makes no claims regarding the representativeness of the analyzed sample to the larger batch from which it was taken. The limit of liability accepted by CW Analytical is limited to the total amount invoiced for services provided. As part of our strict confidentiality policy, CW can only discuss results with the original client of record. Comments? lab@cwanalytical.com



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

Robert W Martin, PhD
Robert W Martin, PhD

Sample Name: Innovet PurCBD+ Concentrate

Client: tlmresearchlabs
 Sample Type: Oil
 Strain: Unknown

Submitted: May 14, 2018
 Tested: May 14, 2018
 Expires: May 10, 2019
 Submitted for: HPLC, Chemres, Micro, Terpenes,

Chemical Residue Screening - Pass

Targeted analysis of chemical residues. [SOP-017] | Date Performed: 2018-05-14

	ug/g	LOQ (ug/g)	LOD (ug/g)	Action Limit	Status		ug/g	LOQ (ug/g)	LOD (ug/g)	Action Limit	Status
Abamectin	ND ¹	0.04	0.01	0.10	Pass	Fludioxonil	ND ¹	0.03	0.01	0.10	Pass
Acephate	ND ¹	0.31	0.10	0.10	Pass	Hexythiazox	ND ¹	0.04	0.01	0.10	Pass
Acequinocyl	ND ¹	0.03	0.01	0.10	Pass	Imazalil	ND ¹	0.01	0.01	0.00	Pass
Acetamiprid	ND ¹	0.03	0.01	0.10	Pass	Imidacloprid	ND ¹	0.04	0.01	5.00	Pass
Aldicarb	ND ¹	0.04	0.01	0.00	Pass	Kresoxim-methyl	ND ¹	0.02	0.01	0.10	Pass
Azoxystrobin	ND ¹	0.02	0.01	0.10	Pass	Malathion	ND ¹	0.07	0.02	0.50	NT
Bifenazate	ND ¹	0.03	0.01	0.10	Pass	Metalaxyl	ND ¹	0.01	0.01	2.00	Pass
Bifenthrin	ND ¹	0.17	0.06	3.00	Pass	Methiocarb	ND ¹	0.03	0.01	0.00	Pass
Boscalid	ND ¹	0.03	0.01	0.10	Pass	Methomyl	ND ¹	0.03	0.01	1.00	Pass
Captan	ND ¹	0.07	0.02	0.70	Pass	Mevinphos	ND ¹	0.03	0.01	0.00	Pass
Carbaryl	ND ¹	0.03	0.01	0.50	Pass	Myclobutanil	ND ¹	0.03	0.01	0.10	Pass
Carbofuran	ND ¹	0.02	0.01	0.00	Pass	Naled	ND ¹	0.06	0.02	0.10	Pass
Chlorantraniliprole	ND ¹	0.06	0.02	10.00	Pass	Oxamyl	ND ¹	0.04	0.01	0.50	Pass
Chlordane	ND ¹	0.12	0.04	0.00	Pass	Paclobutrazol	ND ¹	0.03	0.01	0.00	Pass
Chlorfenapyr	ND ¹	0.06	0.02	0.00	Pass	Parathion methyl	ND ¹	0.14	0.05	0.00	Pass
Chlorpyrifos	ND ¹	0.13	0.04	0.00	Pass	PCNB	ND ¹	0.05	0.02	0.10	Pass
Clofentezine	ND ¹	0.04	0.01	0.10	Pass	Permethrin	ND ¹	0.05	0.02	0.50	Pass
Coumaphos	ND ¹	0.05	0.02	0.00	Pass	Phosmet	ND ¹	0.02	0.01	0.10	Pass
Cyfluthrin	ND ¹	0.13	0.04	2.00	Pass	Piperonyl butoxide	ND ¹	0.02	0.01	3.00	Pass
Cypermethrin	ND ¹	0.10	0.03	1.00	Pass	Prallethrin	ND ¹	0.07	0.02	0.10	Pass
Daminozide	ND ¹	0.05	0.02	0.00	Pass	Propiconazole	ND ¹	0.02	0.01	0.10	Pass
Diazinon	ND ¹	0.02	0.01	0.10	Pass	Propoxure	ND ¹	0.02	0.01	0.00	Pass
Dichlorvos	ND ¹	0.03	0.01	0.00	Pass	Pyrethrin	ND ¹	0.09	0.03	0.50	Pass
Dimethoate	ND ¹	0.05	0.02	0.00	Pass	Pyridaben	ND ¹	0.01	0.01	0.10	Pass
Dimethomorph	ND ¹	0.01	0.01	2.00	Pass	Spinetoram	ND ¹	0.03	0.01	0.10	Pass
Ethoprophos	ND ¹	0.05	0.02	0.00	Pass	Spinosad	ND ¹	0.02	0.01	0.10	Pass
Etofenprox	ND ¹	0.03	0.01	0.00	Pass	Spiromesifen	ND ¹	0.07	0.02	0.10	Pass
Etoxazole	ND ¹	0.02	0.01	0.10	Pass	Spirotetramat	ND ¹	0.03	0.01	0.10	Pass
Fenhexamid	ND ¹	0.03	0.01	0.10	Pass	Spiroxamine	ND ¹	0.03	0.01	0.00	Pass
Fenoxycarb	ND ¹	0.03	0.01	0.00	Pass	Tebuconazole	ND ¹	0.06	0.02	0.10	Pass
Fenpyroximate	ND ¹	0.03	0.01	0.10	Pass	Thiacloprid	ND ¹	0.02	0.01	0.00	Pass
Fipronil	ND ¹	0.04	0.01	0.00	Pass	Thiamethoxam	ND ¹	0.02	0.01	5.00	Pass
Flonicamid	ND ¹	0.04	0.01	0.10	Pass	Trifloxystrobin	ND ¹	0.04	0.01	0.10	Pass

¹ND = Not Detected
 NT = Not Tested

Heavy Metals Profiling -

Analysis of Heavy Metals. [SOP-012] | Date Performed:

	ug/g	LOQ(ug/g)	LOD(ug/g)	Action Limit	Status
Cadmium					
Lead					
Arsenic					
Mercury					

¹ND = Not Detected

Water Activity -

Analysis to determine water activity | Date Performed:

Aw	Action Limit (Aw)	Status

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

Robert W Martin, PhD
 Robert W Martin, PhD

Sample Name: Innovet PurCBD+ Concentrate

Client: tlmresearchlabs

Sample Type: Oil

Strain: Unknown

Submitted: May 14, 2018

Tested: May 14, 2018

Expires: May 10, 2019

Submitted for: HPLC, Chemres, Micro, Terpenes,

Mycotoxin Screening -

Analysis of Mycotoxins. | Date Performed:

		LOQ (mg/g)	LOD (mg/g)	Status
Aflatoxin B1	NT			
aflatoxin B2	NT			
Aflatoxin G1	NT			
Aflatoxin G2	NT			
Ochratoxin A	NT			

¹ND = Not Detected

Terpene Profiling - Pass

Analysis of terpenes. [SOP-012] | Date Performed:

	Percent	mg/g	LOQ (mg/g)	LOD (mg/g)	L.C. ²	Status
b-Myrcene	0.02	0.19	0.1	0.03	-	Pass
Nerol	ND ¹	0.00	0.1	0.03	-	Pass
Nerolidol	ND ¹	0.00	0.1	0.03	-	Pass
Ocimene	ND ¹	0.00	0.1	0.03	-	Pass
a-Bisbolol	0.01	0.07	0.1	0.03	-	Pass
Farnasene	ND ¹	0.00	0.1	0.03	-	Pass
Valencene	0.01	0.07	0.1	0.03	-	Pass
d3-Carene	ND ¹	0.00	0.1	0.03	-	Pass
d-Limonene	0.01	0.07	0.1	0.03	-	Pass
g-Terpinene	ND ¹	0.00	0.1	0.03	-	Pass
a-Pinene	ND ¹	0.00	0.1	0.03	-	Pass
Sabinene	ND ¹	0.00	0.1	0.03	-	Pass
b-Pinene	ND ¹	0.00	0.1	0.03	-	Pass
Camphene	ND ¹	0.00	0.1	0.03	-	Pass
Eucalyptol	0.01	0.09	0.1	0.03	-	Pass
(-)-Fenchone	ND ¹	0.00	0.1	0.03	-	Pass
Fenchol	0.01	0.09	0.1	0.03	-	Pass
Camphor	ND ¹	0.00	0.1	0.03	-	Pass
Borneol	ND ¹	0.00	0.1	0.03	-	Pass
Pulegone	ND ¹	0.00	0.1	0.03	-	Pass
Cedrol	0.01	0.11	0.1	0.03	-	Pass
b-Caryophyllene	0.05	0.55	0.1	0.03	-	Pass
Elemene	ND ¹	0.00	0.1	0.03	-	Pass
Phellandrene	ND ¹	0.00	0.1	0.03	-	Pass
Isopulegol	ND ¹	0.00	0.1	0.03	-	Pass
Linalool	ND ¹	0.00	0.1	0.03	-	Pass
(+)-Fenchone	ND ¹	0.00	0.1	0.03	-	Pass
a-Caryophyllene	0.02	0.18	0.1	0.03	-	Pass
Guaiol	0.01	0.06	0.1	0.03	-	Pass
Bergamotene	ND ¹	0.00	0.1	0.03	-	Pass
Terpineol	0.01	0.05	0.1	0.03	-	Pass
Terpinolene	ND ¹	0.00	0.1	0.03	-	Pass
a-Terpinene	ND ¹	0.00	0.1	0.03	-	Pass

Total Terpenes

0.2 Percent

¹ND = Not Detected

²L.C. = Label Claim

