

**FOS001 Dr. Fossum's small dog tincture COA**

Document Number: COA-040

Approval Date:
21 Mar 2023

Version Number: 3.0

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Certificate of Analysis

Product Identification	
Item Number/Spec Number	FOS001/SPEC-FP-0011
Lot number	VH24-013
Control Number	VH24-013
Sample ID	1200821, 1200822, 1200823, 1200824
Manufactured Date	11MAR2024
Retest Date	11MAR2026
Description	Dr. Fossum's Rejuvenator Small Dog Tincture
Supplier	Vantage Hemp

Final Product Specification Conformance Summary	
Specification	Results
Physical Properties:	☒ Pass ☐ Fail
Cannabinoid:	☒ Pass ☐ Fail
Heavy Metals:	☒ Pass ☐ Fail
Mycotoxins:	☒ Pass ☐ Fail
Microbial:	☒ Pass ☐ Fail
Pesticide:	☒ Pass ☐ Fail
Residual Solvents:	☒ Pass ☐ Fail
Approved for:	☒ Released Inventory ☐ Out of Specification INV#: _____

Prepared By:

Coby Baer

Coby Baer (Mar 25, 2024 14:56 MDT)

Mar 25, 2024

Date

Approved By:

Natalie Marks

Natalie Marks (Mar 25, 2024 17:22 MDT)

Mar 25, 2024

Date

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PHYSICAL PROPERTIES**METHOD: SOP-QA-013**

Characteristic	Specifications	Results
Consistency	Liquid	Liquid
Color	Translucent, yellow to amber	Translucent, amber
Foreign Materials	Free of foreign materials	Free of foreign materials
Smell	Light fragrance, earthy smell.	Light fragrance, earthy smell

CANNABINOID PROFILE (1200821)**METHOD: MF12D012-(DAD)****LOD = 0.027%****LOQ = 0.08%**

SUBSTANCE:		SPECIFICATION (REPORT mg/ml)	Result (REPORT mg/ml)
CBD	Cannabidiol	5.6 mg/ml +/- 10%	5.3
THC	Total potential THC	<LOQ	ND
CBG	Cannabigerol	5.6 mg/ml +/- 10%	5.5
CBN	Cannabinol	1.25 mg/ml +/- 10%	1.2

CANNABINOID PROFILE (1200822)**METHOD: MF12D012-(DAD)****LOD = 0.027%****LOQ = 0.08%**

SUBSTANCE:		SPECIFICATION (REPORT mg/ml)	Result (REPORT mg/ml)
CBD	Cannabidiol	5.6 mg/ml +/- 10%	5.2
THC	Total potential THC	<LOQ	ND
CBG	Cannabigerol	5.6 mg/ml +/- 10%	5.5
CBN	Cannabinol	1.25 mg/ml +/- 10%	1.2

CANNABINOID PROFILE (1200823)**METHOD: MF12D012-(DAD)****LOD = 0.027%****LOQ = 0.08%**

SUBSTANCE:		SPECIFICATION (REPORT mg/ml)	Result (REPORT mg/ml)
CBD	Cannabidiol	5.6 mg/ml +/- 10%	5.2
THC	Total potential THC	<LOQ	ND
CBG	Cannabigerol	5.6 mg/ml +/- 10%	5.4
CBN	Cannabinol	1.25 mg/ml +/- 10%	1.2

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CANNABINOID PROFILE (1200824)**METHOD: MF12D012-(DAD)****LOD = 0.027%****LOQ = 0.08%**

SUBSTANCE:		SPECIFICATION (REPORT mg/ml)	Result (REPORT mg/ml)
CBD	Cannabidiol	5.6 mg/ml +/- 10%	5.2
THC	Total potential THC	<LOQ	ND
CBG	Cannabigerol	5.6 mg/ml +/- 10%	5.5
CBN	Cannabinol	1.25 mg/ml +/- 10%	1.2

**HEAVY METALS PANEL
METHOD: MF 24E020: (ICP-MS)**

SUBSTANCE	SPECIFICATION (PPM)	Result (PPM)
Arsenic	< 1.5	ND
Cadmium	< 0.5	ND
Lead	< 0.5	ND
Mercury	< 1.5	ND

**MYCOTOXIN PANEL
METHOD: MF-CHEM-13: (LC-MS/MS) (GC-MS/MS)**

SUBSTANCE	SPECIFICATION (PPB)	Result (PPB)
Aflatoxins (B1, B2, G1, and G2)	< 20 (total of B1 + B2 + G1 + G2)	ND
Aflatoxin B1	< 5	ND
Ochratoxin	< 5	ND

MICROBIAL PANEL

SUBSTANCE	METHOD	SPECIFICATION	Result
Salmonella spp.	AOAC 2016.01	Absent in 25 g	Absent in 25 g
-Shiga-toxin producing Escherichia coli(STEC) - Bacteria	3MDS - STEC/EAE	Absent in 25 g	Absent in 25 g
Total coliforms	FDA BAM - ECC Agar	< 10 ² cfu/g	< 10 ² cfu/g
Total aerobic plate count	FDA BAM	< 10 ⁴ cfu/g	< 10 ⁴ cfu/g
Total yeast & mold	AOAC 2014.05	< 10 ³ cfu/g	< 10 ³ cfu/g



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PESTICIDE PANEL					
Method: MF-CHEM-13 (GC-MS/MS)					
ALL ANALYTES MUST BE LESS THAN LOQ					
Substance	LOQ	RESULTS	Substance	LOQ	RESULTS
Abamectin/ Avermectin B1a	0.25	ND	Deltamethrin	0.50*	ND
Acephate	0.05	ND	Diazinon	0.02*	ND
Acequinocyl	0.03*	ND	Dichlorvos	0.05	ND
Acetamiprid	0.05	ND	Dimethoate	0.01	ND
Aldicarb	0.50	ND	Dimethomorph	0.05*	ND
Allethrin	0.10	ND	Dinotefuran	0.05	ND
Atrazine	.025*	ND	Diuron	0.05*	ND
Azadirachtin	0.50	ND	Dodemorph	0.05*	ND
Azoxystrobin	0.01	ND	Endosulfan sulfate	2.50	ND
Benzovindiflupyr	0.01	ND	Endosulfan-alpha	2.50	ND
Bifenazate	0.01	ND	Endosulfan-beta	2.50	ND
Bifenthrin	0.20*	ND	Ethoprophos	0.01	ND
Boscalid	0.01	ND	Etofenprox	0.05*	ND
Buprofezin	0.02*	ND	Etoxazole	0.02*	ND
Carbaryl	.025	ND	Etridiazole	0.15	ND
Carbofuran	0.01	ND	Fenhexamid	0.05*	ND
Chlorantraniliprole	0.02*	ND	Fenoxycarb	0.01	ND
Chlorphenapyr/ Chlorfenapyr	1.50	ND	Fenpyroximate	0.04*	ND
Chlorpyrifos	0.50	ND	Fensulfothion	0.01	ND
Clofentezine	0.01	ND	Fenthion	0.01	ND
Clothianidin	.025	ND	Fenvalerate	0.10*	ND
Coumaphos	0.01	ND	Fipronil	0.01	ND
Cyantraniliprole	0.01	ND	Flonicamid	.025	ND
Cyfluthrin	0.20*	ND	Fludioxonil	0.01	ND
Cypermethrin	0.30*	ND	Fluopyram	0.01	ND
Cyprodinil	0.01	ND	Hexythiazox	0.02*	ND
Daminozide	0.10*	ND	Imazalil	0.01	ND



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PESTICIDE PANEL CONT.

Method: MF-CHEM-13 (GC-MS/MS)

ALL ANALYTES MUST BE LESS THAN LOQ

Substance	LOQ	RESULTS	Substance	LOQ	RESULTS
Imidacloprid	0.01	ND	Pyrethrins	0.30*	ND
Iprodione	0.50	ND	Pyridaben	0.02	ND
Kinoprene	1.25	ND	Pyriproxyfen	0.02*	ND
Kresoxim-methyl	0.15	ND	Quintozone/ Pentachloro-nitrobenzene	0.02*	ND
Cyhalothrin (Lambda)	0.50*	ND	Resmethrin	0.05	ND
Malathion	0.01	ND	Spinetoram	0.01	ND
Metalaxyl	0.01	ND	Spinosad	0.01	ND
Methiocarb	0.01	ND	Spirodiclofen	0.01*	ND
Methomyl	0.025	ND	Spiromesifen	0.10*	ND
Methoprene	2.00*	ND	Spirotetramat	0.01	ND
Mevinphos	.025	ND	Spiroxamine	0.05*	ND
MGK-264	0.05*	ND	Tebuconazole	0.01	ND
Myclobutanil	0.01	ND	Tebufenozide	0.01	ND
Naled	0.05*	ND	Teflubenzuron	0.03	ND
Novaluron	.025	ND	Tetrachlorvinphos	0.01	ND
Oxamyl	1.50	ND	Tetramethrin	0.30*	ND
Paclobutrazol	0.01	ND	Thiabendazole	0.02*	ND
Methyl Parathion	0.05*	ND	Thiacloprid	0.01	ND
Permethrin	0.30*	ND	Thiamethoxam	0.01	ND
Phenothrin	0.20*	ND	Thiophanate-methyl	0.05*	ND
Phosmet	0.02*	ND	Trifloxystrobin	0.01	ND
Piperonyl butoxide	1.25	ND	*CDPHE limits are not established and therefore approved third party testing laboratory's limit of quantification is utilized as the action limit		
Pirimicarb	0.01	ND			
Prallethrin	0.10*	ND			
Propiconazole	0.05*	ND			
Propoxur	0.01	ND			
Pyraclostrobin	0.01	ND			

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RESIDUAL SOLVENT PANEL**METHOD: USP OVI <467> (GC/MS)**

SUBSTANCE	SPECIFICATION (PPM)	RESULTS
Acetone	ND	ND
Benzene	ND	ND
Butanes	ND	ND
Ethanol	ND	ND
Ethyl Acetate	ND	ND
Heptanes	ND	ND
Hexane	ND	ND
Isopropyl Alcohol	ND	ND
Methanol	ND	ND
Pentane	ND	ND
Propane	ND	ND
Toluene	ND	ND
Total Xylenes (m, p, o-xylenes)	ND	ND

REV	CR Number	Description of Change
0	DCC-2023-0029	Initial Release
1	DCC-2023-0060	Changed Report % to Report mg/ml in cannabinoid profile table header, update to Times New Roman, adjusted tables to same width
2	DCC-2023-0064	Added Residual Solvents Table

March 18, 2024

VANTAGE HEMP CO.

2336 115th Ave
Greeley, CO 80634

Order No. 554013

Sample No. 1200821

SAMPLE INFORMATION

Description VH24-013. FOS001. 1-343. Dr. Fossums Small Dog Tincture RS24-0048
Lot Number VH24-013
Category (Type) Inhalable Edible (Tincture)
Received March 14, 2024

ANALYTICAL RESULTS

Analysis Cannabinoid Profile (Non-Plant)
Instrument Liquid Chromatography Diode Array Detector (LC-DAD)
Method MF-CHEM-15
Analysis Date March 14, 2024 to March 18, 2024

Cannabinoid	mg/g	%	mg/ml
Δ8-THC	ND	ND	ND
Δ9-THC	ND	ND	ND
Δ9-THCA	ND	ND	ND
THCV	ND	ND	ND
THCVA	ND	ND	ND
CBD	5.6	0.56	5.3
CBDA	ND	ND	ND
CBC	ND	ND	ND
CBCA	ND	ND	ND
CBDV	<LOQ	<LOQ	<LOQ
CBG	5.9	0.59	5.5
CBGA	ND	ND	ND
CBN	1.3	0.13	1.2
Total THC	ND	ND	ND
Total CBD	5.6	0.56	5.3
Total Cannabinoids	12.7	1.27	12.0
Sum of Cannabinoids	12.7	1.27	12.0
g/ml Conversion Factor	0.9401		

Reported by
Anresco, Inc.

ND = None Detected
LOD = Limit of Detection (0.067 mg/g)
LOQ = Limit of Quantitation (0.2 mg/g)
Total THC = Δ9-THC + (0.877 * Δ9-THCA)
Total CBD = CBD + (0.877 * CBDA)
Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]


Ali Sweeney
Analyst II



March 18, 2024

If there are any questions with this report, please contact "compliance@anresco.com".

March 18, 2024

VANTAGE HEMP CO.

2336 115th Ave
Greeley, CO 80634

Order No. 554013
Sample No. 1200822

SAMPLE INFORMATION

Description VH24-014. FOS001. 1. Dr. Fossums Small Dog Tincture #1 TS24-0220
Lot Number VH24-013
Category (Type) Inhalable Edible (Tincture)
Received March 14, 2024

ANALYTICAL RESULTS

Analysis Cannabinoid Profile (Non-Plant)
Instrument Liquid Chromatography Diode Array Detector (LC-DAD)
Method MF-CHEM-15
Analysis Date March 14, 2024 to March 18, 2024

Cannabinoid	mg/g	%	mg/ml
Δ8-THC	ND	ND	ND
Δ9-THC	ND	ND	ND
Δ9-THCA	ND	ND	ND
THCV	ND	ND	ND
THCVA	ND	ND	ND
CBD	5.5	0.55	5.2
CBDA	ND	ND	ND
CBC	ND	ND	ND
CBCA	ND	ND	ND
CBDV	<LOQ	<LOQ	<LOQ
CBG	5.8	0.58	5.5
CBGA	ND	ND	ND
CBN	1.3	0.13	1.2
Total THC	ND	ND	ND
Total CBD	5.5	0.55	5.2
Total Cannabinoids	12.6	1.26	11.8
Sum of Cannabinoids	12.6	1.26	11.8
g/ml Conversion Factor	0.9401		

Reported by
Anresco, Inc.

ND = None Detected
LOD = Limit of Detection (0.067 mg/g)
LOQ = Limit of Quantitation (0.2 mg/g)
Total THC = Δ9-THC + (0.877 * Δ9-THCA)
Total CBD = CBD + (0.877 * CBDA)
Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]


Ali Sweeney
Analyst II



March 18, 2024

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March 18, 2024

VANTAGE HEMP CO.

2336 115th Ave
Greeley, CO 80634

Order No. 554013
Sample No. 1200823

SAMPLE INFORMATION

Description VH24-015. FOS001. 171. Dr. Fossums Small Dog Tincture #171 TS24-0220
Lot Number VH24-013
Category (Type) Inhalable Edible (Tincture)
Received March 14, 2024

ANALYTICAL RESULTS

Analysis Cannabinoid Profile (Non-Plant)
Instrument Liquid Chromatography Diode Array Detector (LC-DAD)
Method MF-CHEM-15
Analysis Date March 14, 2024 to March 18, 2024

Cannabinoid	mg/g	%	mg/ml
Δ8-THC	ND	ND	ND
Δ9-THC	ND	ND	ND
Δ9-THCA	ND	ND	ND
THCV	ND	ND	ND
THCVA	ND	ND	ND
CBD	5.5	0.55	5.2
CBDA	ND	ND	ND
CBC	ND	ND	ND
CBCA	ND	ND	ND
CBDV	<LOQ	<LOQ	<LOQ
CBG	5.8	0.58	5.4
CBGA	ND	ND	ND
CBN	1.3	0.13	1.2
Total THC	ND	ND	ND
Total CBD	5.5	0.55	5.2
Total Cannabinoids	12.6	1.26	11.8
Sum of Cannabinoids	12.6	1.26	11.8
g/ml Conversion Factor	0.9401		

Reported by
Anresco, Inc.

ND = None Detected
LOD = Limit of Detection (0.067 mg/g)
LOQ = Limit of Quantitation (0.2 mg/g)
Total THC = Δ9-THC + (0.877 * Δ9-THCA)
Total CBD = CBD + (0.877 * CBDA)
Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]


Ali Sweeney
Analyst II



March 18, 2024

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March 18, 2024

VANTAGE HEMP CO.

2336 115th Ave
Greeley, CO 80634

Order No. 554013
Sample No. 1200824

SAMPLE INFORMATION

Description VH24-016. FOS001. 343. Dr. Fossums Small Dog Tincture #343 TS24-0220
Lot Number VH24-013
Category (Type) Inhalable Edible (Tincture)
Received March 14, 2024

ANALYTICAL RESULTS

Analysis Cannabinoid Profile (Non-Plant)
Instrument Liquid Chromatography Diode Array Detector (LC-DAD)
Method MF-CHEM-15
Analysis Date March 14, 2024 to March 18, 2024

Cannabinoid	mg/g	%	mg/ml
Δ8-THC	ND	ND	ND
Δ9-THC	ND	ND	ND
Δ9-THCA	ND	ND	ND
THCV	ND	ND	ND
THCVA	ND	ND	ND
CBD	5.6	0.56	5.2
CBDA	ND	ND	ND
CBC	ND	ND	ND
CBCA	ND	ND	ND
CBDV	<LOQ	<LOQ	<LOQ
CBG	5.9	0.59	5.5
CBGA	ND	ND	ND
CBN	1.3	0.13	1.2
Total THC	ND	ND	ND
Total CBD	5.6	0.56	5.2
Total Cannabinoids	12.7	1.27	11.9
Sum of Cannabinoids	12.7	1.27	11.9
g/ml Conversion Factor	0.9401		

Reported by
Anresco, Inc.

ND = None Detected
LOD = Limit of Detection (0.067 mg/g)
LOQ = Limit of Quantitation (0.2 mg/g)
Total THC = Δ9-THC + (0.877 * Δ9-THCA)
Total CBD = CBD + (0.877 * CBDA)
Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]


Ali Sweeney
Analyst II



March 18, 2024

If there are any questions with this report, please contact "compliance@anresco.com".

March 18, 2024

VANTAGE HEMP CO.

2336 115th Ave
Greeley, CO 80634

Order No. 554013
Sample No. 1200821

SAMPLE INFORMATION

Description VH24-013. FOS001. 1-343. Dr. Fossums Small Dog Tincture RS24-0048
Lot Number VH24-013
Category (Type) Inhalable Edible (Tincture)
Received March 14, 2024

ANALYTICAL RESULTS

Analysis Residual Solvent Screen - CO CDPHE ✔ Pass
Instrument Gas Chromatography Mass Spectrometry (GC/MS)
Method MF-CHEM-32
Analysis Date March 14, 2024 to March 18, 2024

Analyte	LOD / LOQ (ppm)	Findings (ppm)	Limit	Status
Acetone	67/200	ND	1000	Pass
Benzene	0.2/0.5	ND	2	Pass
Butanes	67/200	ND	1000	Pass
Ethanol	67/200	ND	1000	Pass
Ethyl Acetate	67/200	ND	1000	Pass
Heptanes	67/200	ND	1000	Pass
Hexane	14/40	ND	60	Pass
Isopropyl Alcohol	67/200	ND	1000	Pass
Methanol	67/200	ND	600	Pass
Pentane	67/200	ND	1000	Pass
propane	67/200	ND	1000	Pass
Toluene	14/40	ND	180	Pass
Total Xylenes (m, p, o-xylenes)	67/200	ND	430	Pass
Any other solvent not permitted for use	NA/NA	ND	NA	Pass

Reported by
Anresco, Inc.

ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation


Alma Dorantes
Analyst I



March 18, 2024

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March 18, 2024

VANTAGE HEMP CO.

2336 115th Ave
Greeley, CO 80634

Order No. 554013

Sample No. 1200821

SAMPLE INFORMATION

Description VH24-013. FOS001. 1-343. Dr. Fossums Small Dog Tincture RS24-0048
Lot Number VH24-013
Category (Type) Inhalable Edible (Tincture)
Received March 14, 2024

ANALYTICAL RESULTS

Analysis Pesticide Screen CO CDPHE  **Pass**
Instrument Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)
Method MF-CHEM-13
Analysis Date March 14, 2024 to March 18, 2024

Analyte	LOD / LOQ (ppm)	Findings (ppm)	Limit	Status
Acephate	0.006/0.02	ND	0.05	Pass
Acequinocyl	0.009/0.03	ND	*	*
Acetamiprid	0.015/0.05	ND	0.05	Pass
Aldicarb	0.02/0.06	ND	0.5	Pass
Allethrin	0.03/0.1	ND	0.1	Pass
Atrazine	0.008/0.025	ND	*	*
Avermectin B1a	0.075/0.25	ND	0.25	Pass
Azadirachtin	0.15/0.5	ND	0.5	Pass
Azoxystrobin	0.003/0.01	ND	0.01	Pass
Benzovindiflupyr	0.003/0.01	ND	0.01	Pass
Bifenazate	0.003/0.01	ND	0.01	Pass
Bifenthrin	0.06/0.2	ND	*	*
Boscalid	0.003/0.01	ND	0.01	Pass
Buprofezin	0.006/0.02	ND	*	*
Carbaryl	0.008/0.025	ND	0.025	Pass
Carbofuran	0.003/0.01	ND	0.01	Pass
Chlorantraniliprole	0.006/0.02	ND	*	*
Chlorfenapyr	0.015/0.05	ND	1.5	Pass
Chlorpyrifos	0.01/0.04	ND	0.5	Pass
Clofentezine	0.003/0.01	ND	0.01	Pass
Clothianidin	0.008/0.025	ND	0.025	Pass
Coumaphos	0.003/0.01	ND	0.01	Pass
Cyantraniliprole	0.003/0.01	ND	0.01	Pass
Cyfluthrin	0.06/0.2	ND	*	*
Cyhalothrin (Lambda)	0.15/0.5	ND	*	*
Cypermethrin	0.09/0.3	ND	*	*
Cyprodinil	0.003/0.01	ND	0.01	Pass
Daminozide	0.03/0.1	ND	*	*
Deltamethrin	0.15/0.5	ND	*	*
Diazinon	0.006/0.02	ND	*	*

If there are any questions with this report, please contact "compliance@anresco.com".

Analyte	LOD / LOQ (ppm)	Findings (ppm)	Limit	Status
Dichlorvos	0.015/0.05	ND	0.05	Pass
Dimethoate	0.003/0.01	ND	0.01	Pass
Dimethomorph	0.015/0.05	ND	*	*
Dinotefuran	0.015/0.05	ND	0.05	Pass
Diuron	0.015/0.05	ND	*	*
Dodemorph	0.015/0.05	ND	*	*
Endosulfan sulfate	0.015/0.05	ND	2.5	Pass
Endosulfan-alpha (I)	0.015/0.05	ND	2.5	Pass
Endosulfan-beta (II)	0.015/0.05	ND	2.5	Pass
Ethoprophos	0.003/0.01	ND	0.01	Pass
Etofenprox	0.015/0.05	ND	*	*
Etoxazole	0.006/0.02	ND	*	*
Etridiazole	0.009/0.03	ND	0.15	Pass
Fenhexamid	0.015/0.05	ND	*	*
Fenoxycarb	0.003/0.01	ND	0.01	Pass
Fenpyroximate	0.01/0.04	ND	*	*
Fensulfothion	0.003/0.01	ND	0.01	Pass
Fenthion	0.003/0.01	ND	0.01	Pass
Fenvalerate	0.03/0.1	ND	*	*
Fipronil	0.003/0.01	ND	0.01	Pass
Flonicamid	0.008/0.025	ND	0.025	Pass
Fludioxonil	0.003/0.01	ND	0.01	Pass
Fluopyram	0.003/0.01	ND	0.01	Pass
Hexythiazox	0.006/0.02	ND	*	*
Imazalil	0.003/0.01	ND	0.01	Pass
Imidacloprid	0.003/0.01	ND	0.01	Pass
Iprodione	0.15/0.5	ND	0.5	Pass
Kinoprene	0.3/1.0	ND	1.25	Pass
Kresoxim-methyl	0.006/0.02	ND	0.15	Pass
Malathion	0.003/0.01	ND	0.01	Pass
Metalaxyl	0.003/0.01	ND	0.01	Pass
Methiocarb	0.003/0.01	ND	0.01	Pass
Methomyl	0.008/0.025	ND	0.025	Pass
Methoprene	0.6/2	ND	*	*
Methyl parathion	0.015/0.05	ND	*	*
Mevinphos	0.008/0.025	ND	0.025	Pass
MGK-264	0.015/0.05	ND	*	*
Myclobutanil	0.003/0.01	ND	0.01	Pass
Naled	0.015/0.05	ND	*	*
Novaluron	0.008/0.025	ND	0.025	Pass
Oxamyl	0.015/0.05	ND	1.5	Pass
Paclobutrazol	0.003/0.01	ND	0.01	Pass
Permethrin	0.09/0.3	ND	*	*
Pentachloronitrobenzene	0.006/0.02	ND	*	*
Phenothrin	0.06/0.2	ND	*	*
Phosmet	0.006/0.02	ND	*	*
Piperonyl butoxide	0.015/0.05	ND	1.25	Pass
Pirimicarb	0.003/0.01	ND	0.01	Pass
Prallethrin	0.03/0.1	ND	*	*

If there are any questions with this report, please contact "compliance@anresco.com".

Analyte	LOD / LOQ (ppm)	Findings (ppm)	Limit	Status
Propiconazole	0.015/0.05	ND	*	*
Propoxur	0.003/0.01	ND	0.01	Pass
Pyraclostrobin	0.003/0.01	ND	0.01	Pass
Pyrethrins	0.09/0.3	ND	*	*
Pyridaben	0.006/0.02	ND	0.02	Pass
Pyriproxyfen	0.006/0.02	ND	*	*
Resmethrin	0.015/0.05	ND	0.05	Pass
Spinetoram	0.003/0.01	ND	0.01	Pass
Spinosad	0.003/0.01	ND	0.01	Pass
Spirodiclofen	0.03/0.1	ND	*	*
Spiromesifen	0.03/0.1	ND	*	*
Spirotetramat	0.003/0.01	ND	0.01	Pass
Spiroxamine	0.015/0.05	ND	*	*
Tebuconazole	0.003/0.01	ND	0.01	Pass
Tebufozide	0.003/0.01	ND	0.01	Pass
Teflubenzuron	0.008/0.025	ND	0.025	Pass
Tetrachlorvinphos	0.003/0.01	ND	0.01	Pass
Tetramethrin	0.09/0.3	ND	*	*
Thiabendazole	0.006/0.02	ND	*	*
Thiacloprid	0.003/0.01	ND	0.01	Pass
Thiamethoxam	0.003/0.01	ND	0.01	Pass
Thiophanate-methyl	0.015/0.05	ND	*	*
Trifloxystrobin	0.003/0.01	ND	0.01	Pass

Note: Statuses with an asterisk (*) indicate LOQ/Action Limits not available or established by the CDPHE per CDPHE Code Reg. 1010-21.7.

Reported by
Anresco, Inc.

ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation


Khoa Nguyen
Analyst I



March 18, 2024

If there are any questions with this report, please contact "compliance@anresco.com".

March 20, 2024

VANTAGE HEMP CO.
2336 115th Ave
Greeley, CO 80634

Order No. 554013
Sample No. 1200821

SAMPLE INFORMATION

Description VH24-013. FOS001. 1-343. Dr. Fossums Small Dog Tincture RS24-0048
Lot Number VH24-013
Received March 14, 2024

ANALYTICAL RESULTS

Analysis Date March 14, 2024 to March 20, 2024

Findings	Analysis	Results	Method
	Standard Plate Count	<10 cfu/g	FDA BAM
	Total Yeast & Mold	<10 cfu/g	FDA BAM
	Coliforms	<10 cfu/g	FDA BAM - ECC AGAR
	Salmonella	Absent /25g	AOAC 2016.01
	STEC	Absent /25g	3M MDS STEC

Reported by
Anresco, Inc.


Allen Zhu
Analyst



If there are any questions with this report, please contact "compliance@anresco.com".

page 1 of 1

March 18, 2024

VANTAGE HEMP CO.

2336 115th Ave
Greeley, CO 80634

Order No. 554013
Sample No. 1200821

SAMPLE INFORMATION

Description VH24-013. FOS001. 1-343. Dr. Fossums Small Dog Tincture RS24-0048
Lot Number VH24-013
Category (Type) Inhalable Edible (Tincture)
Received March 14, 2024

ANALYTICAL RESULTS

Analysis Mycotoxins Screen ✔ Pass
Instrument Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS)
Method MF-CHEM-13
Analysis Date March 14, 2024 to March 18, 2024

Analyte	LOD/LOQ (ppb)	Findings (ppb)	Limit (ppb)	Status
Aflatoxin B1	0.5/1	ND	2	Pass
Aflatoxin B2	0.5/1	ND	-	-
Aflatoxin G1	0.5/1	ND	-	-
Aflatoxin G2	0.5/1	ND	-	-
Total Aflatoxins	2/4	ND	4	Pass
Ochratoxin A	0.5/1	ND	1	Pass

Reported by
Anresco, Inc.

ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation


Khoa Nguyen
Analyst I



March 18, 2024

If there are any questions with this report, please contact "compliance@anresco.com".

March 18, 2024

VANTAGE HEMP CO.

2336 115th Ave
Greeley, CO 80634

Order No. 554013

Sample No. 1200821

SAMPLE INFORMATION

Description VH24-013. FOS001. 1-343. Dr. Fossums Small Dog Tincture RS24-0048
Lot Number VH24-013
Category (Type) Inhalable Edible (Tincture)
Received March 14, 2024

ANALYTICAL RESULTS

Analysis Heavy Metals - CO CDPHE  **Pass**
Instrument ICP-MS
Method MF-CHEM-16
Analysis Date March 14, 2024 to March 18, 2024

Analyte	LOD / LOQ (ppm)	Findings (ppm)	Limit	Status
Arsenic	0.02/0.05	ND	1.5	Pass
Cadmium	0.02/0.05	ND	0.5	Pass
Mercury	0.02/0.05	ND	1.5	Pass
Lead	0.02/0.05	ND	0.5	Pass

Reported by
Anresco, Inc.

ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation



Eric Tam
Senior Chemist

March 18, 2024

If there are any questions with this report, please contact "compliance@anresco.com".

	Physical Properties Test Report	
	Document Number: FRM-QC-021 Governing SOP: SOP-QC-013	Effective Date: 13 Jun 2023
	Version Number: 3.0	Page 1 of 2

QC Test Report – Physical Properties

Product Identification						
QC Sample ID	Item #	Control #	Lot #	Description	Performed By (initials and date)	Verified By (initials and date)
FS24-0048	FOS001	N/A	VH24-013	Dr. Fossum's Small Dog Tincture	CB 20 MAR 2024	Nmm 21 Mar 2024

Extracts and Finished Goods					☐ N/A
Criteria	Specification	Result	Performed By (initials and date)	Verified By (initials and date)	
Appearance:	N/A	N/A	N/A	N/A	
Consistency:	Liquid	liquid	CB 20 MAR 2024	Nmm 21 Mar 2024	
Color:	Translucent, yellow to amber	Translucent, amber	CB 20 MAR 2024	Nmm 21 Mar 2024	
Foreign Materials:	Free of foreign materials	Free of foreign materials	CB 20 MAR 2024	Nmm 21 Mar 2024	
Odor:	Light fragrance, earthy smell.	light fragrance, earthy smell	CB 20 MAR 2024	Nmm 21 Mar 2024	

Biomass					☒ N/A
Criteria	Specification	Result	Performed By (initials and date)	Verified By (initials and date)	
Moisture (Visual):					
Color:					
Odor:					

Raw Materials					☒ N/A
Criteria	Specification	Result	Performed By (initials and date)	Verified By (initials and date)	
Consistency:					

 VANTAGE HEMP	Physical Properties Test Report	
	Document Number: FRM-QC-021 Governing SOP: SOP-QC-013	Effective Date: 13 Jun 2023
	Version Number: 3.0	Page 2 of 2

Color:				
Odor:				

Additional Observations		N/A
Footnote #:	Observation	

REV	CR Number	Description of Change
1	DCC-2022-0059	Initial Release
2	DCC-2022-0069	Updates to the Physical Properties SOP and associated form to include instructions and test reports for incoming raw materials.
3	DCC-2023-0109	Update to 12pt Times New Roman and include performed by/verified by columns, N/A boxes, and appearance category.