

**Dr. Fossum's Medium Dog Tincture FOS002 COA**

Document Number: COA-044

Approval Date:
22 Mar 2023

Version Number: 4.0

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Certificate of Analysis

Product Identification	
Item Number/Spec Number	FOS002/SPEC-FP-0013
Batch Number	VH24-009
Sample ID	119909, 119910, 119911, 119912
Manufactured Date	05MAR2024
Retest Date	05MAR2026
Description	Dr. Fossum's Rejuvenator Medium Dog Tincture
Supplier	Vantage Hemp

Final Product Specification Conformance Summary	
Specification	Results
Physical Properties:	☒ Pass ☐ Fail ☐ Pass for processing ONLY
Cannabinoids:	☒ Pass ☐ Fail ☐ Pass for processing ONLY
Microbials:	☒ Pass ☐ Fail ☐ Pass for processing ONLY
Mycotoxins:	☒ Pass ☐ Fail ☐ Pass for processing ONLY
Residual Solvents	☒ Pass ☐ Fail ☐ Pass for processing ONLY
Heavy Metals	☒ Pass ☐ Fail ☐ Pass for processing ONLY
Pesticides:	☒ Pass ☐ Fail ☐ Pass for processing ONLY
Approved for:	☒ Inventory (processing and/or distribution) ☐ Processing ONLY ☐ Rejected / Out of Specification see UDEV#: _____
Comments:	☒ N/A

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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**METHOD: MF12D012 (LC-DAD)****LOD: 0.027%****LOQ: 0.08%**

SUBSTANCE:		SPECIFICATION (REPORT mg/ml):	RESULTS (REPORT mg/ml)	
CBD	Cannabidiol	11.25 mg/ml +/- 10%	10.3 (1199009)	10.3 (1199010)
THC	Total THC	<LOQ	ND	ND
CBG	Cannabigerol	11.25 mg/ml +/- 10%	11.2	11.1
CBN	Cannabinol	2.5 mg/ml +/- 10%	2.4	2.4

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

SUBSTANCE:		SPECIFICATION (REPORT mg/ml):	RESULTS (REPORT mg/ml)	
CBD	Cannabidiol	11.25 mg/ml +/- 10%	10.3 (1199011)	10.2 (1199012)
THC	Total THC	<LOQ	ND	ND
CBG	Cannabigerol	11.25 mg/ml +/- 10%	11.3	11.2
CBN	Cannabinol	2.5 mg/ml +/- 10%	2.4	2.4

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

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

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

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

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

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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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MICROBIALS			
SUBSTANCE	METHOD	ACTION LIMITS	RESULTS
Salmonella spp.	AOAC 2016.01	Absent in 25 g	Absent in 25 g
–Shiga-toxin producing Escherichia coli (STEC) Bacteria	3M MDS 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 ² cfu/g	< 10 ² cfu/g
Total yeast and mold	AOAC 2016.01	< 10 ² cfu/g	< 10 ² cfu/g



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Prepared By:

Coby Baer
[Coby Baer \(Mar 21, 2024 13:57 MDT\)](#)

Mar 21, 2024

Date

Approved By:

Natalie Marks
[Natalie Marks \(Mar 21, 2024 17:15 MDT\)](#)

Mar 21, 2024

Date

REVISION HISTORY

REV	CR Number	Description of Change
0	DCC-2023-0044	Initial Release
1	DCC-2023-0058	Update to correct CoA format
2	DCC-2023-0060	Update cannabinoid quantities and units
3	DCC-2023-0065	Update to include signature box

March 11, 2024

VANTAGE HEMP CO.

2336 115th Ave
Greeley, CO 80634

Order No. 553703
Sample No. 1199009

SAMPLE INFORMATION

Description VH24-009. FOS002. 1. Dr. Fossum's Medium Dog Tincture #1 TS24-0204
Lot Number VH24-009
Category (Type) Inhalable Edible (Tincture)
Received March 08, 2024

ANALYTICAL RESULTS

Analysis Cannabinoid Profile (Non-Plant)
Instrument Liquid Chromatography Diode Array Detector (LC-DAD)
Method MF-CHEM-15
Analysis Date March 08, 2024 to March 11, 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	10.6	1.06	10.3
CBDA	<LOQ	<LOQ	<LOQ
CBC	ND	ND	ND
CBCA	ND	ND	ND
CBDV	0.3	0.03	0.3
CBG	11.6	1.16	11.2
CBGA	ND	ND	ND
CBN	2.5	0.25	2.4
Total THC	ND	ND	ND
Total CBD	10.6	1.06	10.3
Total Cannabinoids	24.9	2.49	24.1
Sum of Cannabinoids	24.9	2.49	24.1
g/ml Conversion Factor	0.9684		

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 11, 2024

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

March 11, 2024

VANTAGE HEMP CO.

2336 115th Ave
Greeley, CO 80634

Order No. 553703
Sample No. 1199010

SAMPLE INFORMATION

Description VH24-009. FOS002. 162. Dr. Fossum's Medium Dog Tincture #162 TS24-0205
Lot Number VH24-009
Category (Type) Inhalable Edible (Tincture)
Received March 08, 2024

ANALYTICAL RESULTS

Analysis Cannabinoid Profile (Non-Plant)
Instrument Liquid Chromatography Diode Array Detector (LC-DAD)
Method MF-CHEM-15
Analysis Date March 08, 2024 to March 11, 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	10.6	1.06	10.3
CBDA	<LOQ	<LOQ	<LOQ
CBC	ND	ND	ND
CBCA	ND	ND	ND
CBDV	0.3	0.03	0.3
CBG	11.5	1.15	11.1
CBGA	ND	ND	ND
CBN	2.5	0.25	2.4
Total THC	ND	ND	ND
Total CBD	10.6	1.06	10.3
Total Cannabinoids	24.8	2.48	24.1
Sum of Cannabinoids	24.8	2.48	24.1
g/ml Conversion Factor	0.9684		

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 11, 2024

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March 11, 2024

VANTAGE HEMP CO.

2336 115th Ave
Greeley, CO 80634

Order No. 553703

Sample No. 1199011

SAMPLE INFORMATION

Description VH24-009. FOS002. 324. Dr. Fossum's Medium Dog Tincture #324 TS24-0206
Lot Number VH24-009
Category (Type) Inhalable Edible (Tincture)
Received March 08, 2024

ANALYTICAL RESULTS

Analysis Cannabinoid Profile (Non-Plant)
Instrument Liquid Chromatography Diode Array Detector (LC-DAD)
Method MF-CHEM-15
Analysis Date March 08, 2024 to March 11, 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	10.6	1.06	10.3
CBDA	<LOQ	<LOQ	<LOQ
CBC	ND	ND	ND
CBCA	ND	ND	ND
CBDV	0.3	0.03	0.3
CBG	11.7	1.17	11.3
CBGA	ND	ND	ND
CBN	2.5	0.25	2.4
Total THC	ND	ND	ND
Total CBD	10.6	1.06	10.3
Total Cannabinoids	25.0	2.50	24.2
Sum of Cannabinoids	25.0	2.50	24.2
g/ml Conversion Factor	0.9684		

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 11, 2024

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March 11, 2024

VANTAGE HEMP CO.

2336 115th Ave
Greeley, CO 80634

Order No. 553703
Sample No. 1199012

SAMPLE INFORMATION

Description VH24-009. FOS002. 1-324. Dr. Fossum's Medium Dog Tincture RS24-0046
Lot Number VH24-009
Category (Type) Inhalable Edible (Tincture)
Received March 08, 2024

ANALYTICAL RESULTS

Analysis Cannabinoid Profile (Non-Plant)
Instrument Liquid Chromatography Diode Array Detector (LC-DAD)
Method MF-CHEM-15
Analysis Date March 08, 2024 to March 11, 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	10.5	1.05	10.2
CBDA	<LOQ	<LOQ	<LOQ
CBC	ND	ND	ND
CBCA	ND	ND	ND
CBDV	0.3	0.03	0.3
CBG	11.5	1.15	11.2
CBGA	ND	ND	ND
CBN	2.4	0.24	2.4
Total THC	ND	ND	ND
Total CBD	10.5	1.05	10.2
Total Cannabinoids	24.7	2.47	23.9
Sum of Cannabinoids	24.7	2.47	23.9
g/ml Conversion Factor	0.9684		

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 11, 2024

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March 11, 2024

VANTAGE HEMP CO.

2336 115th Ave
Greeley, CO 80634

Order No. 553703
Sample No. 1199012

SAMPLE INFORMATION

Description VH24-009. FOS002. 1-324. Dr. Fossum's Medium Dog Tincture RS24-0046
Lot Number VH24-009
Category (Type) Inhalable Edible (Tincture)
Received March 08, 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 08, 2024 to March 11, 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




Blenda Cong
Analyst II

March 11, 2024

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

March 11, 2024

VANTAGE HEMP CO.

2336 115th Ave
Greeley, CO 80634

Order No. 553703
Sample No. 1199012

SAMPLE INFORMATION

Description VH24-009. FOS002. 1-324. Dr. Fossum's Medium Dog Tincture RS24-0046
Lot Number VH24-009
Category (Type) Inhalable Edible (Tincture)
Received March 08, 2024

ANALYTICAL RESULTS

Analysis Heavy Metals - CO CDPHE  **Pass**
Instrument ICP-MS
Method MF-CHEM-16
Analysis Date March 08, 2024 to March 11, 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 11, 2024

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March 11, 2024

VANTAGE HEMP CO.

2336 115th Ave
Greeley, CO 80634

Order No. 553703
Sample No. 1199012

SAMPLE INFORMATION

Description VH24-009. FOS002. 1-324. Dr. Fossum's Medium Dog Tincture RS24-0046
Lot Number VH24-009
Category (Type) Inhalable Edible (Tincture)
Received March 08, 2024

ANALYTICAL RESULTS

Analysis Residual Solvent Screen - CO CDPHE ✔ Pass
Instrument Gas Chromatography Mass Spectrometry (GC/MS)
Method MF-CHEM-32
Analysis Date March 08, 2024 to March 11, 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



Jordean Vargas
Analyst III

March 11, 2024

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

March 11, 2024

VANTAGE HEMP CO.

2336 115th Ave
Greeley, CO 80634

Order No. 553703
Sample No. 1199012

SAMPLE INFORMATION

Description VH24-009. FOS002. 1-324. Dr. Fossum's Medium Dog Tincture RS24-0046
Lot Number VH24-009
Category (Type) Inhalable Edible (Tincture)
Received March 08, 2024

ANALYTICAL RESULTS

Analysis Mycotoxins Screen ✔ Pass
Instrument Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS)
Method MF-CHEM-13
Analysis Date March 08, 2024 to March 11, 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




Blenda Cong
Analyst II

March 11, 2024

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

March 14, 2024

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

Order No. 553703
Sample No. 1199012

SAMPLE INFORMATION

Description VH24-009. FOS002. 1-324. Dr. Fossum's Medium Dog Tincture RS24-0046
Lot Number VH24-009
Received March 08, 2024

ANALYTICAL RESULTS

Analysis Date March 08, 2024 to March 14, 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.



Jessica Lingua
Analyst

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

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 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 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)
8524-0046	FOS002	N/A	VH24-009	Dr. Fossum's Medium 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.