

**FOS007 Rejuvenator Cat Tincture**

Document Number: COA-077

Approval Date:
24 Jul 2023

Version Number: 1.0

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CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION	
Item Number/Spec Number	FOS007 / SPEC-FP-0038
Lot number	VH23-037
Sample ID	1169200
Description	Dr. Fossum's Rejuvenator Cat Tincture
Supplier	Vantage Hemp

FINAL PRODUCT SPECIFICATION CONFORMANCE SUMMARY	
SPECIFICATION	RESULTS
Physical Properties:	☒ Pass ☐ Fail
Cannabinoid Profile:	☒ Pass ☐ Fail
Microbial:	☒ Pass ☐ Fail
Mycotoxins:	☒ Pass ☐ Fail
Approved for:	☒ Released Inventory ☐ Out of Specification INV#:

Prepared By:

Natalie Marks[Natalie Marks \(Aug 11, 2023 13:59 MDT\)](#)Aug 11, 2023

Date

Approved By:

Darcie Moran[Darcie Moran \(Aug 11, 2023 14:00 MDT\)](#)Aug 11, 2023

Date

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

Characteristic	Specifications	Results
Appearance:	Translucent Liquid	Translucent Liquid
Consistency	Liquid	Liquid
Color	Translucent, yellow to amber	Translucent light amber
Foreign Materials	Free of foreign materials	Free of foreign materials
Smell	Subtle to strong fishy smell	Strong fishy smell

CANNABINOID PROFILE**METHOD: MF12D012 (LC/MS/MS) LOD: 0.00017% LOQ: 0.00050%**

SUBSTANCE:		SPECIFICATION (mg/ml):	RESULTS (report mg/ml) REFERENCE BOTTLE	RESULTS (report mg/ml) BOTTLE 1	RESULTS (report mg/ml) BOTTLE 165	RESULTS (report mg/ml) BOTTLE 330
CBD	Cannabidiol	5 +/- 10%	5.0173	4.8373	4.9440	4.8214
CBG	Cannabigerol	1.7 +/- 10%	1.8874	1.8255	1.8675	1.8057
THC	Total THC	< 0.09	0.0031	0.0029	0.0030	0.0036

MICROBIAL PANEL

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

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



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VERSION HISTORY TABLE

VER	DCC Number	Description of Change
1	DCC-2023-0139	Initial release

 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)
RS23-0091	FOS007	N/A	VH23-037	Rejuvenator Cat Tincture	TN02Aug2023	DM 10 AUG 2023

Extracts and Finished Goods					☐ N/A
Criteria	Specification	Result	Performed By (initials and date)	Verified By (initials and date)	
Appearance:	Translucent Liquid	translucent liquid	TN02Aug2023	DM 10 AUG 2023	
Consistency:	Liquid	liquid	TN02Aug2023	DM 10 AUG 2023	
Color:	Translucent, yellow to amber	translucent light amber.	TN02Aug2023	DM 10 AUG 2023	
Foreign Materials:	Free of foreign materials	free of foreign materials	TN02Aug2023	DM 10 AUG 2023	
Odor:	Subtle to strong fishy smell	strong fishy smell	TN02Aug2023	DM 10 AUG 2023	

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
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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.

August 09, 2023

VANTAGE HEMP CO.

2336 115th Ave
 Greeley, CO 80634

Order No. 547151
 Sample No. 1169200

SAMPLE INFORMATION

Description VH23-037. FOS007. 1-330. Rejuvenator Cat Tincture (RS23-0091)
Category (Type) Non-Inhalable Edible (Tincture)
Received August 04, 2023

ANALYTICAL RESULTS

Analysis Cannabinoid Profile - LCMSMS
Instrument Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)
Method MF-CHEM-15
Analysis Date August 04, 2023 to August 09, 2023

Cannabinoid	mg/g	%	mg/ml
Δ8-THC	ND	ND	ND
Δ9-THC	0.0033	0.00033	0.0031
Δ9-THCA	ND	ND	ND
THCV	0.0052	0.00052	0.0049
THCVA	ND	ND	ND
CBD	5.3834	0.53834	5.0173
CBDA	0.0359	0.00359	0.0335
CBC	ND	ND	ND
CBCA	ND	ND	ND
CBDV	0.2229	0.02229	0.2077
CBG	2.0251	0.20251	1.8874
CBGA	ND	ND	ND
CBN	ND	ND	ND
Total THC	0.0033	0.00033	0.0031
Total CBD	5.4149	0.54149	5.0467
Total Cannabinoids	7.6714	0.76714	7.1497
Sum of Cannabinoids	7.6758	0.76758	7.1538
g/ml Conversion Factor	0.932		

Reported by
Anresco, Inc.

Limit of Detection: 0.0007 mg/g
 Limit of Quantitation: 0.0020 mg/g
 ND = None Detected
 <LOQ = Below Limit of Quantitation
 LOD = Limit of Detection
 Total THC = Δ9-THC + (0.877 * Δ9-THCA)
 Total CBD = CBD + (0.877 * CBDA)
 Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]



August 09, 2023

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

August 09, 2023

VANTAGE HEMP CO.

2336 115th Ave
Greeley, CO 80634

Order No. 547151
Sample No. 1169200

SAMPLE INFORMATION

Description VH23-037. FOS007. 1-330. Rejuvenator Cat Tincture (RS23-0091)
Category (Type) Non-Inhalable Edible (Tincture)
Received August 04, 2023

ANALYTICAL RESULTS

Analysis Microbiological Screen - CO CDPHE ✔ Pass

Analysis Date August 04, 2023 to August 09, 2023

Analyte	Findings	Method	Limit	Status
Standard Plate Count	<10 cfu/g	FDA BAM	<10,000	Pass
Total Yeast & Mold	<10 cfu/g	FDA BAM	<1,000	Pass
Coliforms	<10 cfu/g	FDA BAM - ECC AGAR	<10	Pass
Salmonella	Absent /25g	AOAC 2016.01	Absent/25g	Pass
STEC	Absent /25g	3M MDS STEC	Absent/25g	Pass

Reported by
Anresco, Inc.


Allen Zhu
Analyst

August 09, 2023

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August 10, 2023

VANTAGE HEMP CO.

2336 115th Ave
Greeley, CO 80634

Order No. 547151
Sample No. 1169200

SAMPLE INFORMATION

Description VH23-037. FOS007. 1-330. Rejuvenator Cat Tincture (RS23-0091)
Category (Type) Non-Inhalable Edible (Tincture)
Received August 04, 2023

ANALYTICAL RESULTS

Analysis Mycotoxins Screen ✔ Pass
Instrument Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)
Method MF-CHEM-13
Analysis Date August 04, 2023 to August 10, 2023

Analyte	LOD/LOQ (ppb)	Findings (ppb)	Limit (ppb)	Status
Aflatoxin B1	2/5	ND	-	-
Aflatoxin B2	2/5	ND	-	-
Aflatoxin G1	2/5	ND	-	-
Aflatoxin G2	2/5	ND	-	-
Total Aflatoxins	8/20	ND	20	Pass
Ochratoxin A	6/18	ND	20	Pass

Reported by
Anresco, Inc.

ND = None Detected



Blenda Cong
Analyst II

August 10, 2023

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

August 09, 2023

VANTAGE HEMP CO.

2336 115th Ave
Greeley, CO 80634

Order No. 547151
Sample No. 1169201

SAMPLE INFORMATION

Description VH23-037. FOS007. 1. Rejuvenator Cat Tincture BEGINNING (TS23-0275)
Category (Type) Non-Inhalable Edible (Tincture)
Received August 04, 2023

ANALYTICAL RESULTS

Analysis Cannabinoid Profile - LCMSMS
Instrument Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)
Method MF-CHEM-15
Analysis Date August 04, 2023 to August 09, 2023

Cannabinoid	mg/g	%	mg/ml
Δ8-THC	ND	ND	ND
Δ9-THC	0.0031	0.00031	0.0029
Δ9-THCA	ND	ND	ND
THCV	0.0050	0.00049	0.0046
THCVA	ND	ND	ND
CBD	5.1903	0.51903	4.8373
CBDA	0.0340	0.00340	0.0317
CBC	ND	ND	ND
CBCA	ND	ND	ND
CBDV	0.2228	0.02228	0.2076
CBG	1.9587	0.19587	1.8255
CBGA	ND	ND	ND
CBN	ND	ND	ND
Total THC	0.0031	0.00031	0.0029
Total CBD	5.2201	0.52201	4.8651
Total Cannabinoids	7.4096	0.74096	6.9058
Sum of Cannabinoids	7.4138	0.74138	6.9097
g/ml Conversion Factor	0.932		

Reported by
Anresco, Inc.

Limit of Detection: 0.0007 mg/g
Limit of Quantitation: 0.0020 mg/g
ND = None Detected
<LOQ = Below Limit of Quantitation
LOD = Limit of Detection
Total THC = Δ9-THC + (0.877 * Δ9-THCA)
Total CBD = CBD + (0.877 * CBDA)
Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]



August 09, 2023

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August 09, 2023

VANTAGE HEMP CO.

2336 115th Ave
Greeley, CO 80634

Order No. 547151
Sample No. 1169202

SAMPLE INFORMATION

Description VH23-037. FOS007. 165. Rejuvenator Cat Tincture MIDDLE (TS23-0276)
Category (Type) Non-Inhalable Edible (Tincture)
Received August 04, 2023

ANALYTICAL RESULTS

Analysis Cannabinoid Profile - LCMSMS
Instrument Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)
Method MF-CHEM-15
Analysis Date August 04, 2023 to August 09, 2023

Cannabinoid	mg/g	%	mg/ml
Δ8-THC	ND	ND	ND
Δ9-THC	0.0032	0.00032	0.0030
Δ9-THCA	ND	ND	ND
THCV	0.0050	0.0005	0.0047
THCVA	ND	ND	ND
CBD	5.3047	0.53047	4.9440
CBDA	0.0364	0.00364	0.0339
CBC	ND	ND	ND
CBCA	ND	ND	ND
CBDV	0.2187	0.02187	0.2038
CBG	2.0037	0.20037	1.8675
CBGA	ND	ND	ND
CBN	ND	ND	ND
Total THC	0.0032	0.00032	0.0030
Total CBD	5.3366	0.53366	4.9737
Total Cannabinoids	7.5671	0.75671	7.0526
Sum of Cannabinoids	7.5716	0.75716	7.0567
g/ml Conversion Factor	0.932		

Reported by
Anresco, Inc.



Limit of Detection: 0.0007 mg/g
Limit of Quantitation: 0.0020 mg/g
ND = None Detected
<LOQ = Below Limit of Quantitation
LOD = Limit of Detection
Total THC = Δ9-THC + (0.877 * Δ9-THCA)
Total CBD = CBD + (0.877 * CBDA)
Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]

August 09, 2023

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August 09, 2023

VANTAGE HEMP CO.

2336 115th Ave
Greeley, CO 80634

Order No. 547151
Sample No. 1169203

SAMPLE INFORMATION

Description VH23-037. FOS007. 330. Rejuvenator Cat Tincture END (TS23-0277)
Category (Type) Non-Inhalable Edible (Tincture)
Received August 04, 2023

ANALYTICAL RESULTS

Analysis Cannabinoid Profile - LCMSMS
Instrument Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS)
Method MF-CHEM-15
Analysis Date August 04, 2023 to August 09, 2023

Cannabinoid	mg/g	%	mg/ml
Δ8-THC	ND	ND	ND
Δ9-THC	0.0039	0.00039	0.0036
Δ9-THCA	ND	ND	ND
THCV	0.0049	0.00049	0.0045
THCVA	ND	ND	ND
CBD	5.1731	0.51731	4.8214
CBDA	0.0360	0.00360	0.0336
CBC	ND	ND	ND
CBCA	ND	ND	ND
CBDV	0.2160	0.02159	0.2013
CBG	1.9375	0.19375	1.8057
CBGA	ND	ND	ND
CBN	ND	ND	ND
Total THC	0.0039	0.00039	0.0036
Total CBD	5.2047	0.52047	4.8508
Total Cannabinoids	7.3669	0.73669	6.8660
Sum of Cannabinoids	7.3713	0.73713	6.8701
g/ml Conversion Factor	0.932		

Reported by
Anresco, Inc.

Limit of Detection: 0.0007 mg/g
Limit of Quantitation: 0.0020 mg/g
ND = None Detected
<LOQ = Below Limit of Quantitation
LOD = Limit of Detection
Total THC = Δ9-THC + (0.877 * Δ9-THCA)
Total CBD = CBD + (0.877 * CBDA)
Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]



August 09, 2023

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

Physical Properties Report FOS007 VH23-037

Final Audit Report

2023-08-11

Created:	2023-08-11
By:	Natalie Marks (natalie@vantagehemp.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAK4RC30RVYdAY2tkZcfr5kcrWDSWXeFwl

"Physical Properties Report FOS007 VH23-037" History

-  Document created by Natalie Marks (natalie@vantagehemp.com)
2023-08-11 - 7:56:18 PM GMT
-  Document e-signed by Natalie Marks (natalie@vantagehemp.com)
Signature Date: 2023-08-11 - 7:59:51 PM GMT - Time Source: server
-  Document emailed to Darcie Moran (darcie@vantagehemp.com) for signature
2023-08-11 - 7:59:52 PM GMT
-  Email viewed by Darcie Moran (darcie@vantagehemp.com)
2023-08-11 - 7:59:59 PM GMT
-  Document e-signed by Darcie Moran (darcie@vantagehemp.com)
Signature Date: 2023-08-11 - 8:00:08 PM GMT - Time Source: server
-  Agreement completed.
2023-08-11 - 8:00:08 PM GMT