

August 14, 2023

VANTAGE HEMP CO.

2336 115th Ave
Greeley, CO 80634

Order No. 547355
Sample No. 1169832

SAMPLE INFORMATION

Description VH23-038. RCN001. 1-657. ReliefCann 1500mg CBD Tincture (30mL) (RS23-0092)
Category (Type) Non-Inhalable Edible (Tincture)
Received August 10, 2023

ANALYTICAL RESULTS

Analysis Terpene Profile
Instrument Gas Chromatography Mass Spectrometry (GC/MS)
Method American Herbal Pharmacopoeia
Analysis Date August 10, 2023 to August 14, 2023

Terpene	mg/g	%
α-Pinene	ND	ND
Isopulegol	ND	ND
Camphene	ND	ND
Menthol	ND	ND
β-Myrcene	ND	ND
(-)-Borneol	ND	ND
β-Pinene	ND	ND
Terpineol	BLOQ	BLOQ
δ -3-Carene	ND	ND
Citronellol	ND	ND
Limonene	ND	ND
Geraniol	ND	ND
α-Terpinene	ND	ND
β-Caryophyllene	0.037	0.0037
trans-beta-Ocimene	ND	ND
α-Humulene	0.014	0.0014
cis-beta-Ocimene	ND	ND
cis-Nerolidol	ND	ND
p-Cymene	ND	ND
trans-Nerolidol	0.014	0.0014
Eucalyptol	ND	ND
Guaiol	0.050	0.0050
γ-Terpinene	ND	ND
Caryophyllene Oxide	ND	ND
Terpinolene	ND	ND
α-Bisabolol	0.114	0.0114
Linalool	ND	ND
Eudesmol	0.067	0.0067
Total Terpenes	0.297	0.0297

Reported by
Anresco, Inc.




Jordean Vargas
Analyst III

August 14, 2023

Limit of Detection: 0.0004 %
Limit of Quantitation: 0.0013 %
ND = None Detected
<LOQ = Below Limit of Quantitation
LOD = Limit of Detection

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

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Received August 10, 2023

ANALYTICAL RESULTS

Analysis Pesticide Screen & Mycotoxins - 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 August 10, 2023 to August 14, 2023

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
Aflatoxin B1	0.002/0.005	ND	0.005	Pass
Aflatoxin B2	0.002/0.005	ND	0.005	Pass
Aflatoxin G1	0.002/0.005	ND	0.005	Pass
Aflatoxin G2	0.002/0.005	ND	0.005	Pass
Total Aflatoxins	0.008/0.02	ND	0.02	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	*	*

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Analyte	LOD / LOQ (ppm)	Findings (ppm)	Limit	Status
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	*	*
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
Ochratoxin A	0.002/0.005	ND	0.005	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	*	*

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Analyte	LOD / LOQ (ppm)	Findings (ppm)	Limit	Status
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	*	*
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
Tebufenozide	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




Blenda Cong
Analyst II

August 14, 2023

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

August 14, 2023

VANTAGE HEMP CO.

2336 115th Ave
Greeley, CO 80634

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SAMPLE INFORMATION

Description VH23-038. RCN001. 1-657. ReliefCann 1500mg CBD Tincture (30mL) (RS23-0092)
Category (Type) Non-Inhalable Edible (Tincture)
Received August 10, 2023



ANALYTICAL RESULTS

Analysis Heavy Metals - CO CDPHE ✔ Pass
Instrument ICP-MS
Method MF-CHEM-16
Analysis Date August 10, 2023 to August 14, 2023

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



Jade Noguera
Asst. Cannabis Lab Director
August 14, 2023

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

August 16, 2023

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

Order No. 547355
Sample No. 1169832

SAMPLE INFORMATION

Description VH23-038. RCN001. 1-657. ReliefCann 1500mg CBD Tincture (30mL) (RS23-0092)
Category (Type) Non-Inhalable Edible (Tincture)
Received August 10, 2023

ANALYTICAL RESULTS

Analysis Microbiological Screen - CO CDPHE ✔ Pass
Analysis Date August 10, 2023 to August 16, 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 16, 2023

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August 14, 2023

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2336 115th Ave
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Order No. 547355
Sample No. 1169832

SAMPLE INFORMATION

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Category (Type) Non-Inhalable Edible (Tincture)
Received August 10, 2023

ANALYTICAL RESULTS

Analysis Residual Solvent Screen - CO CDPHE ✔ Pass
Instrument Gas Chromatography Mass Spectrometry (GC/MS)
Method MF-CHEM-32
Analysis Date August 10, 2023 to August 14, 2023

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




Jordean Vargas
Analyst III

August 14, 2023

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August 14, 2023

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ANALYTICAL RESULTS

Analysis Cannabinoid Profile ✔ Pass
Instrument Liquid Chromatography Diode Array Detector (LC-DAD)
Method MF-CHEM-15
Analysis Date August 10, 2023 to August 14, 2023

Cannabinoid	mg/g	%	mg/ml	mg/package	Status
Δ8-THC	ND	ND	ND	ND	-
Δ9-THC	1.89	0.189	1.77	53.20	Pass
Δ9-THCA	ND	ND	ND	ND	-
THCV	ND	ND	ND	ND	-
THCVA	ND	ND	ND	ND	-
CBD	51.78	5.178	48.68	1460.33	-
CBDA	0.77	0.077	0.72	21.65	-
CBC	2.46	0.246	2.32	69.47	-
CBCA	ND	ND	ND	ND	-
CBDV	1.43	0.143	1.34	40.29	-
CBG	0.77	0.077	0.73	21.80	-
CBGA	ND	ND	ND	ND	-
CBN	ND	ND	ND	ND	-
Total THC	1.89	0.189	1.77	53.20	-
Total CBD	52.46	5.246	49.31	1479.31	-
Total Cannabinoids	59.01	5.901	55.47	1664.08	-
Sum of Cannabinoids	59.10	5.910	55.56	1666.74	-
Package Weight (g)	28.2				
g/ml Conversion Factor	0.94				

Reported by
Anresco, Inc.




Leila Dominguez
Analyst I

August 14, 2023

Limit of Detection: 0.067 mg/g
Limit of Quantitation: 0.2 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)]

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