



## Certificate of Analysis

Sample: 2310ACTNY3352.8295

*Kimberly Krisolofsky*

11/02/2023

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Kimberly Krisolofsky  
Lead Technical Director

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Date

## Waterman's Greenhouse, LLC

 12317 Vaughn Street  
 East Concord, NY 14055  
 watermansflowers@gmail.com  
 (716) 592-9186


## Sample: 2310ACTNY3352.8295

 Strain: Humboldt Headband  
 Batch#: 1633 0145 8560 3700; Batch Size: 2000 units  
 Sample Received: 10/18/2023 09:46  
 Report Created: 11/02/2023 08:46 pm  
 Sampling SOP 204-NY

## Humboldt Headband

Plant, Flower - Cured



	<h3>816.76 mg/dose</h3> <p>Total THC</p>	<h3>&lt;LOQ</h3> <p>Total CBD</p>	<h3>833.27 mg/dose</h3> <p>Total Cannabinoids</p>
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## Cannabinoids

 Method SOP 801-NY  
 Date/Time Tested: 10/27/2023 20:39

**Complete**

Analyte	LOQ				%
	ug/mL	mg/g	mg/dose		
CBDV	0.50	ND	ND	ND	
CBDa	0.50	<LOQ	<LOQ	<LOQ	
CBGa	0.50	5.38	18.82	0.54	
CBG	0.50	ND	ND	ND	
CBD	0.50	ND	ND	ND	
THCV	0.50	ND	ND	ND	
CBN	0.50	ND	ND	ND	
CBNa	0.50	ND	ND	ND	
Δ9-THC	0.50	4.29	15.02	0.43	
Δ8-THC	0.50	ND	ND	ND	
(6aR,9S)-d10-THC	0.50	<LOQ	<LOQ	<LOQ	
(6aR,9R)-d10-THC	0.50	ND	ND	ND	
CBC	0.50	ND	ND	ND	
THCa	0.50	261.20	914.18	26.12	
<b>Total</b>		<b>270.87</b>	<b>948.03</b>	<b>27.09</b>	

**Notes:**

 Total THC = THCa \* 0.877 + Δ8-THC + Δ9-THC + (6aR,9S)-d10-THC + (6aR,9R)-d10-THC  
 Total CBD = CBDa \* 0.877 + CBD  
 Total Cannabinoids = Sum of all cannabinoids  
 LOQ = Limit of Quantitation; Reported results for bulk flower and plant forms are calculated on a dry weight basis. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

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Plant, Flower - Cured




### Terpenes


♦SOP 620-NY  
Date/Time Tested: 10/30/2023 17:53


Pass


### Primary Aromas


Analyte	LOQ	Mass
	ug/mL	%
trans-Caryophyllene	4.0	0.881
S (-) Limonene	4.0	0.470
α-Humulene	4.0	0.416
α-Bisabolol	4.0	0.211
β-Myrcene	4.0	0.121
Linalool	4.0	0.095
β-Pinene	4.0	0.063
α-Pinene	4.0	0.043
α-Cedrene	4.0	0.041
Fenchol	4.0	0.039
α-Terpineol	4.0	0.038
Cedrol	4.0	0.027
cis-Nerolidol	4.0	0.022
Caryophyllene Oxide	4.0	0.020
Camphene	4.0	0.010
Borneol	4.0	0.009
α-Phellandrene	4.0	ND
α-Terpinene	4.0	ND
Camphor	4.0	ND
δ-3-Carene	4.0	ND
Eucalyptol	4.0	ND
Fenchone	4.0	ND
γ-Terpinene	4.0	ND
Geraniol	4.0	ND
Geranyl Acetate	4.0	ND
Guaiol	4.0	ND
Isoborneol	4.0	ND
Isopulegol	4.0	ND
Menthol	4.0	ND
Nerol	4.0	ND
Ocimene	4.0	ND
Pulegone	4.0	ND
p-Cymene	4.0	ND
Sabinene	4.0	ND
Sabinene Hydrate	4.0	ND
Terpinolene	4.0	ND
trans-Nerolidol	4.0	<LOQ
Valencene	4.0	ND

  
 Clove

  
 Orange

  
 Hops

  
 Chamomile

  
 Lavender

**2.51%**  
Total Terpenes

Notes:

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 Sampling SOP 204-NY

## Humboldt Headband

Plant, Flower - Cured



## Pesticides

 SOP 814-NY  
 Date/Time Tested: 10/27/2023 14:58

**Pass**

Analyte	Limit	LOQ	Mass	Status
	µg/g	µg/g	µg/g	
Abamectin	0.50	0.39	ND	Pass
Acephate	0.40	0.10	ND	Pass
Acequinocyl	2.00	0.10	ND	Pass
Acetamiprid	0.20	0.10	ND	Pass
Aldicarb	0.40	0.10	ND	Pass
Azadirachtin	1.00	0.08	ND	Pass
Azoxystrobin	0.20	0.10	ND	Pass
Bifenazate	0.20	0.10	ND	Pass
Bifenthrin	0.20	0.10	<LOQ	Pass
Boscalid	0.40	0.10	ND	Pass
Captan	1.00		TIC	Pass
Carbaryl	0.20	0.10	ND	Pass
Carbofuran	0.20	0.10	ND	Pass
Chlorantraniliprole	0.20	0.10	ND	Pass
Chlordane	1.00	0.10	ND	Pass
Chlorfenapyr	1.00	0.10	ND	Pass
Chlormequat chloride	1.00		TIC	Pass
Chlorpyrifos	0.20	0.10	ND	Pass
Clofentezine	0.20	0.10	ND	Pass
Coumaphos	1.00	0.10	ND	Pass
Cyfluthrin	1.00	0.50	ND	Pass
Cypermethrin	1.00	0.10	ND	Pass
Daminozide	1.00	0.10	ND	Pass
Diazinon	0.20	0.10	ND	Pass
Dichlorvos	1.00	0.10	ND	Pass

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	µg/g	µg/g	µg/g	
Dimethoate	0.20	0.10	ND	Pass
Dimethomorph	1.00	0.10	ND	Pass
Ethoprophos	0.20	0.10	ND	Pass
Etofenprox	0.40	0.10	ND	Pass
Etoxazole	0.20	0.10	ND	Pass
Fenhexamid	1.00	0.10	ND	Pass
Fenoxycarb	0.20	0.10	ND	Pass
Fenpyroximate	0.40	0.10	ND	Pass
Fipronil	0.40	0.10	ND	Pass
Flonicamid	1.00	0.10	ND	Pass
Fludioxonil	0.40	0.10	ND	Pass
Hexythiazox	1.00	0.10	ND	Pass
Imazalil	0.20	0.10	ND	Pass
Imidacloprid	0.40	0.10	ND	Pass
Indolebutyric Acid	1.00	0.08	ND	Pass
Kresoxim Methyl	0.40	0.10	ND	Pass
Malathion	0.20	0.10	ND	Pass
Metalaxyl	0.20	0.10	ND	Pass
Methiocarb	0.20	0.10	ND	Pass
Methomyl	0.40	0.10	ND	Pass
Methyl Parathion	0.20	0.10	ND	Pass
Mevinphos	1.00	0.10	ND	Pass
MGK-264	0.20		TIC	Pass
Myclobutanil	0.20	0.10	ND	Pass
Naled	0.50	0.10	ND	Pass

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Plant, Flower - Cured



## Pesticides

 SOP 814-NY  
 Date/Time Tested: 10/27/2023 14:58

**Pass**

Analyte	Limit	LOQ	Mass	Status
	µg/g	µg/g	µg/g	
Oxamyl	1.00	0.10	ND	Pass
Paclobutrazol	0.40	0.10	ND	Pass
Pentachloronitrobenzene	1.00	0.10	ND	Pass
Permethrins [M+NH4] Total	0.20	0.10	ND	Pass
Phosmet	0.20	0.10	ND	Pass
Piperonyl Butoxide	2.00	0.10	ND	Pass
Prallethrin	0.20	0.10	ND	Pass
Propiconazole	0.40	0.10	ND	Pass
Propoxur	0.20	0.10	ND	Pass
Pyrethrins Total	1.00	0.07	ND	Pass
Pyridaben	0.20	0.10	ND	Pass
Spinetoram Total	1.00	0.10	ND	Pass
Spinosad Total	0.20	0.10	ND	Pass
Spiromesifen	0.20	0.10	ND	Pass
Spirotetramat	0.20	0.10	ND	Pass
Spiroxamine	0.20	0.10	ND	Pass
Tebuconazole	0.40	0.10	ND	Pass
Thiacloprid	0.20	0.10	ND	Pass
Thiamethoxam	0.20	0.10	ND	Pass
Trifloxystrobin	0.20	0.10	ND	Pass

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## Microbials

Date/Time Tested: 10/28/2023 15:20

◆SOP 401-NY

◆SOP 619-NY

Analyte	Limit	Units	Status
Total Viable Aerobic Bacteria (3M)	CFU/g	CFU/g	Tested
Total Yeast & Mold (3M)		8566416	Tested
STEC E. Coli (PDx)	Absent	361234	Pass
Aspergillus Species (PDx)	Absent	Absent	Pass
Salmonella Species (PDx)	Absent	Absent	Pass

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## Heavy Metals

 SOP 250-NY  
 Date/Time Tested: 10/27/2023 10:15

**Pass**

Analyte	Limit	LOQ	Mass	Status
	µg/g	µg/g	µg/g	
Antimony	2.000	0.240	ND	Pass
Arsenic	0.200	0.200	ND	Pass
Cadmium	0.300	0.200	<LOQ	Pass
Chromium	110.000	0.240	ND	Pass
Copper	30.000	0.240	9.947	Pass
Lead	0.500	0.240	<LOQ	Pass
Mercury	0.100	0.048	ND	Pass
Nickel	2.000	0.240	<LOQ	Pass

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## Mycotoxins

SOP 303-NY  
Date/Time Tested: 10/30/2023 17:02**Pass**

Analyte	Mass	Limit	LOQ	Status
Ochratoxin A	ng/g Absent	ng/g 20	ng/g 2.5	Pass
Total Aflatoxins	Absent	20	2.5	Pass

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## Moisture

(SOP 205-NY)  
Moisture Date/Time Tested: 10/26/2023 14:39

Pass

**14.7%**  
**Moisture**



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### Foreign Matter

♦SOP 203-NY  
Date/Time Tested: 11/01/2023 13:36  
Analyte

Pass

Analyte	Limit (%)	Result (%)	Status
Mammalian Excreta	0.002%	Absent	Pass
Stems ≥ 3mm Diameter	5%	1.08	Pass
Other Foreign Material	2%	0	Pass

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## Humboldt Headband

Plant, Flower - Cured



## Water Activity

(SOP 206-NY)  
Water Activity Date/Time Tested: 10/31/2023 13:11

Pass

**0.60 aw**  
*0.65 Limit*  
**Water Activity**



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## Homogeneity

Date Tested: 11/02/2023, Time of Analysis:  
Method SOP 801-NY

Not Tested

**Not Tested**

Homogeneity

