

Curador Labs LLC | MAN000047

7110 N Broadway Ave
Saint Louis, MO 63147
testing@curadorbrands.com

Lic. #MAN000047

Sample: 2412TEN0647.2728

Strain: Sharpie Breath
Batch#: 9860; Batch Size: 1738.45 g
Sample Received: 12/17/2024; Report Created: 12/26/2024; Expires: 12/26/2025

Sampling: ; Environment:

HeadChange - Bulk Live Badder - Sharpie Breath

Concentrates & Extracts, Batter/Badder, Butane
Harvest Process Lot: ; METRC Batch: 1A40C030000290600011843; METRC Sample: 1A40C030000290600011844



	67.288 mg/serving Total THC	78.281 mg/serving Total Cannabinoids	Pass Microbials
	ND Total CBD	NT Date Tested: Moisture	NT Date Tested: Not Tested Water Activity

Cannabinoids

Pass

Analyte	LOQ mg/serving	Mass mg/serving	Mass %
THCa		74.937	74.937
Δ9-THC		1.569	1.569
Δ8-THC		ND	ND
THCV		ND	ND
CBDa		ND	ND
CBD		ND	ND
CBDV		ND	ND
CBN		ND	ND
CBGa		1.776	1.776
CBG		ND	ND
CBC		ND	ND
Total		78.281	78.281

Date Tested: 12/18/2024

SOP/Method info: SOP-CAN-27-Potency Analysis by HPLC



Certificate of Analysis

State of Missouri Required Compliance Testing

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HeadChange - Bulk Live Badder - Sharpie Breath

Concentrates & Extracts, Batter/Badder, Butane
Harvest Process Lot: ; METRC Batch: 1A40C0300002906000111843; METRC Sample: 1A40C0300002906000111844



Microbials

Pass

Analyte	Limit	Units	Status
	CFU/g	CFU/g	
Aspergillus	1	ND	Pass
E. Coli	1	ND	Pass
Salmonella	1	ND	Pass

Date Tested: 12/19/2024

SOP/Method info:
SOP-CAN-20-Detection of Shiga-Toxin producing Escherichia coli (STEC) and Salmonella in Cannabis, Cannabis Concentrates and Cannabis Infused Products.
SOP-CAN-22-Detection of Aspergillus spp. in Cannabis, Cannabis Concentrates and Cannabis Derived Products



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Fenton, MO
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Lic# TES000010

Jared Mastin
Laboratory Director

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Concentrates & Extracts, Batter/Badder, Butane
Harvest Process Lot: ; METRC Batch: 1A40C0300002906000111843; METRC Sample: 1A40C0300002906000111844



Mycotoxins

Pass

Analyte	LOQ	Limit	Result	Status
	PPB	PPB	PPB	
B1	18.910	20.000	ND	Pass
B2	14.460	20.000	ND	Pass
G1	11.580	20.000	ND	Pass
G2	16.940	20.000	ND	Pass
Ochratoxin A	16.460	20.000	ND	Pass
Total Aflatoxins		20.000	ND	Pass
Total Mycotoxins		40.000	ND	Pass

Date Tested: 12/20/2024

SOP/Method info: SOP-CAN-24-Pesticide and Mycotoxin Detection using GC_LC-MS

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Sampling: ; Environment:

HeadChange - Bulk Live Badder - Sharpie Breath

Concentrates & Extracts, Batter/Badder, Butane
Harvest Process Lot: ; METRC Batch: 1A40C0300002906000111843; METRC Sample: 1A40C0300002906000111844



Heavy Metals

Pass

Analyte	Result	LOQ	Limit	Status
	PPM	PPM	PPM	
Arsenic	ND	0.140	0.200	Pass
Cadmium	ND	0.143	0.200	Pass
Chromium	ND	0.240	0.600	Pass
Lead	<LOQ	0.204	0.500	Pass
Mercury	ND	0.028	0.100	Pass

Date Tested: 12/23/2024 02:52

SOP/Method info: SOP-CAN-23-Metals Analysis Using ICP-MS

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Sampling: ; Environment:

HeadChange - Bulk Live Badder - Sharpie Breath

Concentrates & Extracts, Batter/Badder, Butane
Harvest Process Lot: ; METRC Batch: 1A40C0300002906000111843; METRC Sample: 1A40C0300002906000111844



Pesticides

Pass

Analyte	LOQ	Limit	Result	Status
	PPM	PPM	PPM	
Abamectin	0.372	0.500	ND	Pass
Acephate	0.399	0.400	ND	Pass
Acequinocyl	0.648	2.000	ND	Pass
Acetamiprid	0.095	0.200	ND	Pass
Aldicarb	0.300	0.400	ND	Pass
Azoxystrobin	0.109	0.200	ND	Pass
Bifenazate	0.121	0.200	ND	Pass
Bifenthrin	0.135	0.200	ND	Pass
Boscalid	0.152	0.400	ND	Pass
Carbaryl	0.126	0.200	ND	Pass
Carbofuran	0.067	0.200	ND	Pass
Chlorantraniliprole	0.113	0.200	ND	Pass
Chlorfenapyr	0.126	1.000	ND	Pass
Chlormequat chloride	0.140	0.200	ND	Pass
Chlorpyrifos	0.099	0.200	ND	Pass
Clofentezine	0.141	0.200	ND	Pass
Cyfluthrin	0.198	1.000	ND	Pass
Cypermethrin	0.156	1.000	ND	Pass
Daminozide	0.280	1.000	ND	Pass
Diazinon	0.063	0.200	ND	Pass
Dichlorvos	0.491	1.000	ND	Pass
Dimethoate	0.127	0.200	ND	Pass
Ethoprophos	0.108	0.200	ND	Pass
Etofenprox	0.080	0.400	ND	Pass
Etoxazole	0.079	0.200	ND	Pass

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SOP/Method info: SOP-CAN-24-Pesticide and Mycotoxin Detection using GC_LC-MS

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Pesticides

Pass

Analyte	LOQ	Limit	Result	Status
	PPM	PPM	PPM	
Fenoxycarb	0.114	0.200	ND	Pass
Fenpyroximate	0.073	0.400	ND	Pass
Fipronil	0.135	0.400	ND	Pass
Flonicamid	0.162	1.000	ND	Pass
Fludioxonil	0.161	0.400	ND	Pass
Hexythiazox	0.143	1.000	ND	Pass
Imazalil	0.109	0.200	ND	Pass
Imidacloprid	0.109	0.400	ND	Pass
Kresoxim Methyl	0.128	0.400	ND	Pass
Malathion	0.135	0.200	ND	Pass
Metalaxyl	0.084	0.200	ND	Pass
Methiocarb	0.099	0.200	ND	Pass
Methomyl	0.085	0.400	ND	Pass
Methyl Parathion	0.188	0.200	ND	Pass
MGK-264	0.117	0.200	ND	Pass
Myclobutanil	0.152	0.200	ND	Pass
Naled	0.134	0.500	ND	Pass
Oxamyl	0.179	1.000	ND	Pass
Paclobutrazol	0.089	0.400	ND	Pass
Permethrins	0.083	0.200	ND	Pass
Phosmet	0.174	0.200	ND	Pass
Piperonyl Butoxide	0.148	2.000	ND	Pass
Prallethrin	0.145	0.200	ND	Pass
Propiconazole	0.107	0.400	ND	Pass
Propoxur	0.064	0.200	ND	Pass

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Pesticides

Pass

Analyte	LOQ	Limit	Result	Status
	PPM	PPM	PPM	
Pyrethrins	0.054	1.000	ND	Pass
Pyridaben	0.073	0.200	ND	Pass
Spinosad	0.151	0.200	ND	Pass
Spiromesifen	0.110	0.200	ND	Pass
Spirotetramat	0.153	0.200	ND	Pass
Spiroxamine	0.099	0.400	ND	Pass
Tebuconazole	0.136	0.400	ND	Pass
Thiacloprid	0.079	0.200	ND	Pass
Thiamethoxam	0.129	0.200	ND	Pass
Trifloxystrobin	0.193	0.200	ND	Pass

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SOP/Method info: SOP-CAN-24-Pesticide and Mycotoxin Detection using GC_LC-MS

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Concentrates & Extracts, Batter/Badder, Butane
Harvest Process Lot: ; METRC Batch: 1A40C0300002906000111843; METRC Sample: 1A40C0300002906000111844



Residual Solvents

Pass

Analyte	LOQ	Limit	Result	Status
	PPM	PPM	PPM	
1,2-Dichloro-Ethane	0.39	2.00	ND	Pass
Acetone	64.48	750.00	ND	Pass
Acetonitrile	47.54	60.00	ND	Pass
Benzene	0.56	1.00	ND	Pass
Butane	2.46	800.00	175.43	Pass
Chloroform	0.34	2.00	ND	Pass
Ethanol	50.21	1000.00	ND	Pass
Ethyl-Acetate	2.66	400.00	ND	Pass
Ethyl-Ether	3.20	500.00	ND	Pass
Ethylene Oxide	0.77	5.00	ND	Pass
Heptane	4.36	500.00	ND	Pass
Hexanes	3.19	50.00	ND	Pass
Isopropanol	66.59	500.00	<LOQ	Pass
Methanol	58.53	250.00	ND	Pass
Methylene-Chloride	2.74	125.00	ND	Pass
Pentane	2.99	750.00	ND	Pass
Propane	32.21	2100.00	ND	Pass
Toluene	3.01	150.00	ND	Pass
Trichloroethylene	3.53	25.00	ND	Pass
Xylenes	3.91	150.00	ND	Pass

Dater Tested: 12/18/2024

SOP/Method info: SOP-CAN-25-Residual Solvents Analysis by GC

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Sampling: ; Environment:

HeadChange - Bulk Live Badder - Sharpie Breath

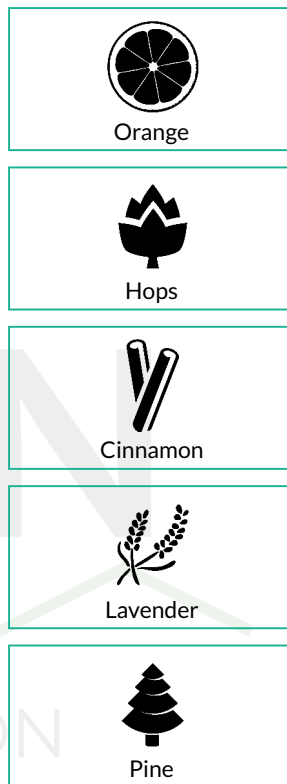
Concentrates & Extracts, Batter/Badder, Butane
Harvest Process Lot: ; METRC Batch: 1A40C0300002906000111843; METRC Sample: 1A40C0300002906000111844



Terpenes

Analyte	LOQ	Result	Result
	mg/g	mg/g	%
Limonene	0.04	29.54	2.954
β-Myrcene	0.03	15.52	1.552
β-Caryophyllene	0.03	10.82	1.082
Linalool	0.03	8.00	0.800
β-Pinene	0.04	3.94	0.394
α-Humulene	0.02	3.76	0.376
α-Pinene	0.05	2.60	0.260
α-Bisabolol	0.05	1.98	0.198
trans-Nerolidol	0.04	1.69	0.169
Guaiol	0.04	1.49	0.149
trans-Ocimene	0.03	0.97	0.097
Terpinolene	0.03	0.69	0.069
Camphene	0.05	0.61	0.061
β-Ocimene	0.02	0.03	0.003
3-Carene	0.04	ND	ND
α-Terpinene	0.05	ND	ND
Caryophyllene Oxide	0.04	ND	ND
cis-Nerolidol	0.04	ND	ND
Eucalyptol	0.03	ND	ND
γ-Terpinene	0.03	ND	ND
Geraniol	0.04	ND	ND
Isopulegol	0.03	ND	ND
p-Cymene	0.04	ND	ND
Total		81.64	8.164

Primary Aromas



Date Tested: 12/18/2024

SOP/Method info: SOP-CAN-26-Terpenes Analysis by Liquid Injection on GC-MS

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Concentrates & Extracts, Batter/Badder, Butane
Harvest Process Lot: ; METRC Batch: 1A40C0300002906000111843; METRC Sample: 1A40C0300002906000111844



Foreign Matter

Pass

Foreign Matter

Date Tested: 12/18/2024

SOP/Method info: SOP-CAN-19-Filth and Foreign Matter Screening

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Certificate of Analysis

CloudTEN
1636 Headland Dr
Fenton, MO 63026
info@cloudtenlab.com
(614) 649-9507
Lic. #TES000010

Sample: 2412GCA0936.4817
Strain: Sharpie Breath
Sampling Date & Received: 12/20/2024
Report Created: 12/26/2024
Lab ID: 24-4645
Sampling Size: ; Process Procedure: TM-124

M00001923009: HeadChange - Bulk Live Badder - Sharpie Breath
Concentrates & Extracts, Batter/Badder
Harvest Process Lot: ; METRC Batch: 1A40C0300002906000111844; METRC Sample: 1A40C0100002FA9000000478



Safety

Pass Pesticides	Incomplete Microbials	Pass Mycotoxins	Not Tested NT Water Activity
Incomplete Solvents	Incomplete Metals	Incomplete Foreign Matter	Not Tested NT Moisture

Cannabinoids

Equipment Used: HPLC
SOP #: TM-120
Date Tested: 12/26/2024

NR	NR	0.000 mg/serving
Total THC	Total CBD	Total Cannabinoids
Analyte	CAS #	LOQ
THCa	23978-85-0	0.000
Δ9-THC	1972-08-3	0.000
Δ8-THC	5957-75-5	0.000
THCV	31262-37-0	0.000
CBDa	1244-58-2	0.000
CBD	013956-29-1	0.000
CBDV	24274-48-4	0.000
CBN	521-35-7	0.000
CBGa	25555-57-1	0.000
CBG	25654-31-3	0.000
CBC	20675-51-8	0.000
Total		0.000

1 Serving = g. 0.100g/10 servings per container 0.0 mg THC per container
Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD

Terpenes

Equipment Used:
SOP #:
Date Tested:

Analyte	CAS #	LOQ	Mass	Mass
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GCA LABS
Certificate of Analysis

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Sample: 2412GCA0936.4817
Strain: Sharpie Breath
Sampling Date & Received: 12/20/2024
Report Created: 12/26/2024
Lab ID: 24-4645
Sampling Size: ; Process Procedure: TM-124

M00001923009: HeadChange - Bulk Live Badder - Sharpie Breath
Concentrates & Extracts, Batter/Badder
Harvest Process Lot: ; METRC Batch: 1A40C030000290600011844; METRC Sample: 1A40C0100002FA90000000478

Mycotoxins
Equipment Used: LCMS
SOP #: TM-119
Date Tested: 12/23/2024

Analyte	CAS #	LOQ	Limit	Mass	Status
B1	1162-65-8	1.00	20.00	ND	Pass
B2	7220-81-7	1.00	20.00	ND	Pass
G1	1165-39-5	1.00	20.00	ND	Pass
G2	7241-98-7	1.00	20.00	ND	Pass
Ochratoxin A	303-47-9	1.00	20.00	ND	Pass
Total Aflatoxins		1.00	20.00	ND	Pass
Total Mycotoxins		1.00	20.00	ND	Pass

Microbials
Equipment Used: GCA-008 & GCA-394
SOP #: TM-116
Date Tested: 12/26/2024

Analyte	Results	Status
Aspergillus spp.	NR	NT
Aspergillus flavus	NR	NT
Aspergillus fumigatus	NR	NT
Aspergillus niger	NR	NT
Aspergillus terreus	NR	NT
E. Coli	NR	NT
Salmonella	NR	NT
Yeast & Mold	NR	NT

Includes Aspergillus flavus, Aspergillus fumigatus, Aspergillus niger, Aspergillus terreus.
GCA does not test for total Yeast and Mold.

Heavy Metals
Equipment Used: ICPMS
SOP #: TM-115
Date Tested: 12/26/2024

Analyte	CAS #	LOQ	Limit	Mass	Status
Arsenic	7440-38-2	0.05	0.20	NR	NT
Cadmium	7440-43-9	0.05	0.20	NR	NT
Chromium	7439-97-6	0.05	0.60	NR	NT
Lead	7439-92-1	0.05	0.50	NR	NT
Mercury	7440-47-3	0.05	0.10	NR	NT

Residual Solvents
Equipment Used: Headspace GCMS
SOP #: TM-121
Date Tested: 12/26/2024

Analyte	CAS #	LOQ	Limit	Mass	Status
1,2-Dichloro-Ethane	0107-06-02		2	NR	NT
Acetone	67-64-1		750	NR	NT
Acetonitrile	75-05-8		60	NR	NT
Benzene	71-43-2		1	NR	NT
Butane	106-97-8		800	NR	NT
Chloroform	67-66-3		2	NR	NT
Ethanol	64-17-5		1000	NR	NT
Ethyl-Acetate	141-78-6		400	NR	NT
Ethyl-Ether	60-29-7		500	NR	NT
Ethylene Oxide	75-21-8		5	NR	NT
Heptane	142-82-5		500	NR	NT
Hexanes	110-54-3		50	NR	NT
Isopropanol	67-63-0		500	NR	NT
Methanol	67-56-1		250	NR	NT
Methylene-Chloride	75-09-2		125	NR	NT
Pentane	109-66-0		750	NR	NT
Propane	74-98-6		2100	NR	NT
Toluene	108-88-3		150	NR	NT
Trichloroethylene	79-01-6		25	NR	NT
Xylenes	1330-20-7		150	NR	NT

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Approved By:
David Jenkins
Laboratory Director

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Lic. #TES000010

Sample: 2412GCA0936.4817
Strain: Sharpie Breath
Sampling Date & Received: 12/20/2024
Report Created: 12/26/2024
Lab ID: 24-4645
Sampling Size: ; Process Procedure: TM-124

M00001923009: HeadChange - Bulk Live Badder - Sharpie Breath
Concentrates & Extracts, Batter/Badder
Harvest Process Lot: ; METRC Batch: 1A40C030000290600011844; METRC Sample: 1A40C0100002FA90000000478

Chemical Residue
Equipment Used: GCMS, LIMS
SOP #: TM-119
Date Tested: 12/23/2024

Pass

Analyte	cas	LOQ PPM	Limit PPM	Result PPM	Status
Abamectin		0.070	0.500	ND	Pass
Acephate		0.020	0.400	ND	Pass
Acetaminophen		0.040	2.000	ND	Pass
Acetaminophen		0.020	0.020	ND	Pass
Aldicarb		0.040	0.400	ND	Pass
Axoxystrobin		0.030	0.200	ND	Pass
Bifenazate		0.030	0.200	ND	Pass
Bifenthrin		0.020	0.200	ND	Pass
Boscalid		0.050	0.400	ND	Pass
Carbaryl		0.040	0.200	ND	Pass
Carbofuran		0.040	0.200	ND	Pass
Chlorantraniliprole		0.030	0.200	ND	Pass
Chlorfenapyr		0.040	1.000	ND	Pass
Chloromequat chloride		0.020	0.200	ND	Pass
Chlorpyrifos		0.030	0.200	ND	Pass
Clofentezine		0.050	0.200	ND	Pass
Cyfluthrin		0.120	1.000	ND	Pass
Cypermethrin		0.040	1.000	ND	Pass
Daminozide		0.060	1.000	ND	Pass
Diazinon		0.030	0.200	ND	Pass
Dichlorvos		0.030	1.000	ND	Pass
Dimethoate		0.020	0.200	ND	Pass
Ethoprophos		0.030	0.200	ND	Pass
Etofenprox		0.020	0.400	ND	Pass
Etoxazole		0.020	0.200	ND	Pass
Fenoxycarb		0.020	0.200	ND	Pass
Fenpyroximate		0.030	0.400	ND	Pass
Fipronil		0.030	0.400	ND	Pass
Flonicamid		0.020	1.000	ND	Pass
Fludioxonil		0.030	0.400	ND	Pass
Hexythiazox		0.030	1.000	ND	Pass
Imazalil		0.070	0.200	ND	Pass
Imidacloprid		0.040	0.400	ND	Pass
Kresoxim Methyl		0.030	0.400	ND	Pass
Malathion		0.020	0.200	ND	Pass

Note: Permethrins cumulative residue of cis- and trans-permethrin isomers; Pyrethrins cumulative residues of pyrethrin 1, cinerin 1, and jasmolin 1.
Jasmolin 1 Cas #4466-14-2; Cinerin 1 Cas #25402-06-6; Pyrethrin 1 Cas #121-21-1

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www.gcalabs.com
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Approved By:
David Jenkins
Laboratory Director

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coa.support@confidentlims.com
(866) 506-5866
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Certificate of Analysis

State of Missouri Required Compliance Testing

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Curador Labs LLC | MAN000047

7110 N Broadway Ave
Saint Louis, MO 63147
testing@curadorbrands.com

Lic. #MAN000047

Sample: 2412TEN0647.2728

Strain: Sharpie Breath
Batch#: 9860; Batch Size: 1738.45 g
Sample Received: 12/17/2024; Report Created: 12/26/2024; Expires: 12/26/2025

Sampling: ; Environment:

HeadChange - Bulk Live Badder - Sharpie Breath

Concentrates & Extracts, Batter/Badder, Butane
Harvest Process Lot: ; METRC Batch: 1A40C030000290600011843; METRC Sample: 1A40C030000290600011844



Certificate of Analysis

CloudTEN
1636 Headland Dr
Fenton, MO 63026
info@cloudtenlab.com
(614) 649-9507
Lic. #TES000010

Sample: 2412GCA0936.4817
Strain: Sharpie Breath
Sampling Date & Received: 12/20/2024
Report Created: 12/26/2024
Lab ID: 24-4645
Sampling Size: ; Process Procedure: TM-124

M00001923009: HeadChange - Bulk Live Badder - Sharpie Breath
Concentrates & Extracts, Batter/Badder
Harvest Process Lot: ; METRC Batch: 1A40C030000290600011844; METRC Sample: 1A40C0100002FA90000000478

Chemical Residue

Equipment Used: GCMS, LCMS
SOP #: TM-119
Date Tested: 12/23/2024

Analyte	CAS	LOQ PPM	Limit PPM	Result PPM	Status
Metalaxyl		0.030	0.200	ND	Pass
Methiocarb		0.020	0.200	ND	Pass
Methomyl		0.030	0.400	ND	Pass
Methyl Parathion		0.020	0.200	ND	Pass
MGK-264		0.020	0.200	ND	Pass
Myclobutanil		0.030	0.200	ND	Pass
Naled		0.040	0.500	ND	Pass
Oxamyl		0.020	1.000	ND	Pass
Paclobutrazol		0.020	0.400	ND	Pass
Permethrin		0.020	0.200	ND	Pass
Phosmet		0.020	0.200	ND	Pass
Piperonyl Butoxide		0.030	2.000	ND	Pass
Prallethrin		0.030	0.200	ND	Pass
Propiconazole		0.040	0.400	ND	Pass
Propoxur		0.030	0.200	ND	Pass
Pyrethrins		0.010	1.000	ND	Pass
Pyridaben		0.030	0.200	ND	Pass
Spinosad		0.010	0.200	ND	Pass
Spiromesifen		0.030	0.200	ND	Pass
Spirotetramat		0.020	0.200	ND	Pass
Spiroxamine		0.030	0.400	ND	Pass
Tebuconazole		0.030	0.400	ND	Pass
Thiacloprid		0.020	0.200	ND	Pass
Thiamethoxam		0.030	0.200	ND	Pass
Trifloxystrobin		0.030	0.200	ND	Pass
Vitamin E Acetate		0.019	5.000	0.132	Pass

Note: Permethrins cumulative residue of cis- and trans-permethrin isomers; Pyrethrins cumulative residues of pyrethrin 1, cinerin 1, and jasmolin 1.
Jasmolin 1 Cas #4466-14-2; Cinerin 1 Cas #25402-06-6; Pyrethrin 1 Cas #121-21-1

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Strain: Sharpie Breath
Batch#: 9860; Batch Size: 1738.45 g
Sample Received: 12/17/2024; Report Created: 12/26/2024; Expires: 12/26/2025

Sampling: ; Environment:

HeadChange - Bulk Live Badder - Sharpie Breath

Concentrates & Extracts, Batter/Badder, Butane
Harvest Process Lot: ; METRC Batch: 1A40C0300002906000111843; METRC Sample: 1A40C0300002906000111844



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Pharmaceutical Grade

Certificate of Analysis



CloudTEN
1636 Headland Dr
Fenton, MO 63026
info@cloudtenlab.com
(614) 649-9507
Lic. #TES000010

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M00001923009: HeadChange - Bulk Live Badder - Sharpie Breath
Concentrates & Extracts, Batter/Badder
Harvest Process Lot: ; METRC Batch: 1A40C0300002906000111844; METRC Sample: 1A40C0100002FA9000000478



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