

NE Botanicals Distribution

1100 Military Rd, Unit 1 Kenmore, NY 14217
 info@bisonbotanics.com
 716-259-9001
 License #: OCM-AUCP-22-000011

Certificate of Analysis

Final



Date Released: 10/13/2023 1:03:16PM

Report #: 3377

PR23003 - Grape Slurrricane Kief Covered
0.7gr. pre-roll 2pk

Sample #: 2635, Weight: 5.60g, Unit Count:

Order #: X231004-0003

Category/Type: Plant, Preroll

Date Collected: 10/4/2023 6:29:12PM

Date Received: 10/4/2023 6:46:27PM

Regulator Sample ID: PR23003

Regulator Source Package ID: PR23003

Regulator Batch ID: PR23003

Size: 3200Units, Unit Count:



Total Cannabinoids
 26.03 %
 260.3 mg/g



Total THC
 22.59 %
 225.9 mg/g



Total CBD
 0.07597 %
 0.7597 mg/g



Total Terpenes
 1.648 %



Moisture
 10.7 %



Heavy Metals
 PASS



Microbials
 PASS



Pesticides
 PASS



Mycotoxins
 PASS



Foreign Matter
 PASS



Water Activity
 PASS

Potency Analysis by HPLC

Total Cannabinoids: **26.03 % - 260.3 mg/g**

Total THC: **22.59 % - 225.9 mg/g**

Total CBD: **0.07597 % - 0.7597 mg/g**

Date Completed: 10/06/2023 3:34PM

Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration
THCa	23978-85-0	0.001000	20.96	209.6	<div style="width: 20.96%;"></div>
d9-THC	1972-08-3	0.001000	4.211	42.11	<div style="width: 4.211%;"></div>
CBGa	25555-57-1	0.001000	0.4934	4.934	<div style="width: 0.4934%;"></div>
CBG	25654-31-3	0.001000	0.1318	1.318	<div style="width: 0.1318%;"></div>
CBDa	1244-58-2	0.001000	0.08663	0.8663	<div style="width: 0.08663%;"></div>
CBC	20675-51-8	0.001000	0.06989	0.6989	<div style="width: 0.06989%;"></div>
THCV	31262-37-0	0.001000	0.04018	0.4018	<div style="width: 0.04018%;"></div>
CBN	521-35-7	0.001000	0.03850	0.3850	<div style="width: 0.03850%;"></div>
d8-THC	5957-75-5	0.001000	ND	ND	
d10-THC	95543-62-7	0.001000	ND	ND	
CBD	13956-29-1	0.001000	ND	ND	
CBDV	24274-48-4	0.001000	ND	ND	

Test Comment: Cannabinoids analyzed by HPLC using P-NY100. The reported result is based on a sample weight using moisture content for flower samples unless moisture is listed as zero or ND. Unless otherwise stated all QC passed.

d8-THC is an abbreviation for delta-8 tetrahydrocannabinol. d9-THC is an abbreviation for delta-9 tetrahydrocannabinol.

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Kelly Greenland

Dr. Kelly Greenland, Lab Director



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Terpenes by HS-GC-MS

Date Completed: 10/11/2023 12:32PM



Compound	CAS#	LOQ (%)	%	Relative Concentration
trans-Caryophyllene	87-44-5	0.1000	0.6756	<div style="width: 67.56%;"></div>
R(+)-Limonene	5989-27-5	0.1000	0.3146	<div style="width: 31.46%;"></div>
alpha-Humulene	6753-98-6	0.1000	0.2645	<div style="width: 26.45%;"></div>
beta-Myrcene	123-35-3	0.1000	0.1756	<div style="width: 17.56%;"></div>
beta-Farnesene	18794-84-8	0.1000	0.1144	<div style="width: 11.44%;"></div>
alpha-Pinene	80-56-8	0.1000	0.1037	<div style="width: 10.37%;"></div>

Results based on dry weight

(-)-Borneol	464-45-9	0.1000	ND
(-)-Caryophyllene Oxide	1139-30-6	0.1000	ND
(-)-Isopulegol	89-79-2	0.1000	ND
(+)-Borneol	464-43-7	0.1000	ND
(+)-Cedrol	77-53-2	0.1000	ND
(1R)-(+)-Camphor	464-49-3	0.1000	ND
3-Carene	13466-78-9	0.1000	ND
alpha-Bisabolol	515-69-5	0.1000	ND
alpha-Cedrene	469-61-4	0.1000	ND
alpha-Farnesene	502-61-4	0.1000	ND
alpha-Terpinene	99-86-5	0.1000	ND
alpha-Terpineol	98-55-5	0.1000	ND
beta-Pinene	127-91-3	0.1000	ND
Camphene	79-92-5	0.1000	ND
cis-Nerolidol	142-50-7	0.1000	ND

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Compound	CAS#	LOQ (%)	%	Relative Concentration
cis-Ocimene	3338-55-4	0.1000	ND	
Endo-Fenchyl Alcohol	14575-74-7	0.1000	ND	
Eucalyptol	470-82-6	0.1000	ND	
Fenchone	1195-79-5	0.1000	ND	
gamma-Terpinene	99-85-4	0.1000	ND	
gamma-Terpineol	586-81-2	0.1000	ND	
Geraniol	106-24-1	0.1000	ND	
Geranyl Acetate	105-87-3	0.1000	ND	
Guaiol	489-86-1	0.1000	ND	
Hexahydro Thymol	15356-70-4	0.1000	ND	
Linalool	78-70-6	0.1000	ND	
Nerol	106-25-2	0.1000	ND	
p-Mentha-1,5-diene	99-83-2	0.1000	ND	
Pulegone	89-82-7	0.1000	ND	
Sabinene	3387-41-5	0.1000	ND	
Sabinene Hydrate	546-79-2	0.1000	ND	
Terpinolene	586-62-9	0.1000	ND	
trans-Nerolidol	40716-66-3	0.1000	ND	
trans-Ocimene	3779-61-1	0.1000	ND	
Valencene	4630-07-3	0.1000	ND	

Test Comment: Terpenes tested by GCMS using P-NY210. Unless otherwise stated, all QC passed.

Foreign Matter by Microscopy

Pass

Analysis Date: 10/09/2023 10:04 am

Compound	LOQ (%)	Limits (%)	Result (%)	Status
% Foreign Matter	0.00100	2.0	ND	Pass
Mammalian Excreta	0.00100	0.03	ND	Pass
Stems	0.00100	5.0	ND	Pass

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Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.

Moisture by Analyzer

Pass

Analysis Date: 10/09/2023 10:04 am

Compound	LOQ (%)	Limits (%)	Result (%)	Status
Moisture	1.2	5 - 15	10.7	Pass

Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.

Water Activity by Meter

Pass

Analysis Date: 10/09/2023 10:04 am

Compound	LOQ (Aw)	Limits (Aw)	Result (Aw)	Status
Water Activity	0.05	0.65	0.56	Pass

Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.

Pesticides by LCMSMS

Pass

Analysis Date: 10/13/2023 7:02 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Abamectin	0.0100	0.5	ND	Pass
Acephate	0.0100	0.4	ND	Pass
Acequinocyl	0.0100	2	ND	Pass
Acetamiprid	0.0100	0.2	ND	Pass
Aldicarb	0.0100	0.4	ND	Pass
Azadirachtin	0.0100	1	ND	Pass
Azoxystrobin	0.0100	0.2	ND	Pass
Bifenazate	0.0100	0.2	ND	Pass
Bifenthrin	0.0100	0.2	ND	Pass
Boscalid	0.0100	0.4	ND	Pass
Captan	0.0100	1	ND	Pass
Carbaryl	0.0100	0.2	ND	Pass
Carbofuran	0.0100	0.2	ND	Pass
Chlorantraniliprole	0.0100	0.2	ND	Pass
Chlordane-alpha	0.0100	1	ND	Pass

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Pesticides by LCMSMS

Pass

Analysis Date: 10/13/2023 7:02 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Chlorfenapyr	0.0100	1	ND	Pass
Chlormequat Chloride	0.0100	1	ND	Pass
Chlorpyrifos	0.0100	0.2	ND	Pass
Clofentezine	0.0100	0.2	ND	Pass
Coumaphos	0.0100	1	ND	Pass
Cyfluthrin	0.0100	1	ND	Pass
Cypermethrin	0.0100	1	ND	Pass
Daminozide	0.0100	1	ND	Pass
Diazinon	0.0100	0.2	ND	Pass
Dichlorvos	0.0100	1	ND	Pass
Dimethoate	0.0100	0.2	ND	Pass
Dimethomorph	0.0100	1	ND	Pass
Ethoprophos	0.0100	0.2	ND	Pass
Etofenprox	0.0100	0.4	ND	Pass
Etoazole	0.0100	0.2	ND	Pass
Fenhexamid	0.0100	1	ND	Pass
Fenoxycarb	0.0100	0.2	ND	Pass
Fenpyroximate	0.0100	0.4	ND	Pass
Fipronil	0.0100	0.4	ND	Pass
Fonicamid	0.0100	1	ND	Pass
Fludioxonil	0.0100	0.4	ND	Pass
Hexythiazox	0.0100	1	ND	Pass
Imazalil	0.0100	0.2	ND	Pass
Imidacloprid	0.0100	0.4	ND	Pass
Indolebutyric Acid	0.0100	1	ND	Pass
Kresoxim-methyl	0.0100	0.4	ND	Pass

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Pesticides by LCMSMS

Pass

Analysis Date: 10/13/2023 7:02 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Malathion	0.0100	0.2	ND	Pass
Metalaxyl	0.0100	0.2	ND	Pass
Methiocarb	0.0100	0.2	ND	Pass
Methomyl	0.0100	0.4	ND	Pass
Methyl Parathion	0.0100	0.2	ND	Pass
Mevinphos	0.0100	1	ND	Pass
MGK-264	0.0100	0.2	ND	Pass
Myclobutanil	0.0100	0.2	ND	Pass
Naled	0.0100	0.5	ND	Pass
Oxamyl	0.0100	1	ND	Pass
Paclobutrazol	0.0100	0.4	ND	Pass
Pentachloronitrobenzene	0.0100	1	ND	Pass
Permethrins, Total	0.0100	0.2	ND	Pass
Phosmet	0.0100	0.2	ND	Pass
Piperonyl Butoxide	0.0100	2	ND	Pass
Prallethrin	0.0100	0.2	ND	Pass
Propiconazole	0.0100	0.4	ND	Pass
Propoxur	0.0100	0.2	ND	Pass
Pyrethrins Total	0.0100	1	ND	Pass
Pyridaben	0.0100	0.2	ND	Pass
Spinetoram Total	0.0100	1	ND	Pass
Spinosad Total	0.0100	0.2	ND	Pass
Spiromesifen	0.0100	0.2	ND	Pass
Spirotetramat	0.0100	0.2	ND	Pass
Spiroxamine	0.0100	0.2	ND	Pass
Tebuconazole	0.0100	0.4	ND	Pass

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**Sample #: 2635****PR23003 - Grape Slurrricane Kief Covered 0.7gr. pre-roll 2pk****Pesticides by LCMSMS****Pass**

Analysis Date: 10/13/2023 7:02 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Thiacloprid	0.0100	0.2	ND	Pass
Thiamethoxam	0.0100	0.2	ND	Pass
Trifloxystrobin	0.0100	0.2	ND	Pass

Comment: Pesticides tested by LCMSMS by using P-NY150. Unless otherwise stated, all QC passed.

Mycotoxins by LCMSMS**Pass**

Analysis Date: 10/13/2023 7:02 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Aflatoxin B1	0.0050	0.020	ND	Pass
Aflatoxin B2	0.0050	0.020	ND	Pass
Aflatoxin G1	0.0050	0.020	ND	Pass
Aflatoxin G2	0.0050	0.020	ND	Pass
Ochratoxin A	0.0050	0.020	ND	Pass
Total Aflatoxin	0.0050	0.020	ND	Pass

Comment: Mycotoxin contamination tested by LCMSMS using P-NY125. Unless otherwise stated, all QC passed.

Heavy Metals by ICPMS**Pass**

Analysis Date: 10/09/2023 11:07 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Antimony	0.0100	2	0.0331	Pass
Arsenic	0.00100	0.2	ND	Pass
Cadmium	0.00150	0.3	0.192	Pass
Chromium	0.280	110	1.50	Pass
Copper	0.0750	30	21.1	Pass
Lead	0.00250	0.5	0.0501	Pass
Mercury	0.000500	0.1	0.00367	Pass
Nickel	0.0100	2	1.70	Pass

Comment: Heavy Metal contamination tested by ICPMS using P-NY140. Unless otherwise stated, all QC passed.

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Micro by Petri & qPCR

Pass

Analysis Date: 10/09/2023 9:10 am

Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Aspergillus flavus Qualitative	0	0	Not Detected	Pass
Aspergillus fumigatus Qualitative	0	0	Not Detected	Pass
Aspergillus niger Qualitative	0	0	Not Detected	Pass
Aspergillus terreus Qualitative	0	0	Not Detected	Pass
Salmonella Qualitative	0	0	Not Detected	Pass
Shiga Toxin-Producing E. coli Qualitative	0	0	Not Detected	Pass
Total Aerobic Bacteria	10		5000	Pass
Total Yeast & Mold	10		6000	Pass

Comment: Microbial contamination tested by Petrifilm plates and qPCR using P-NY120. Unless otherwise stated, all QC passed. Due to COA validation limitations: "Not Detected" = "Absent" and "Detected" = "Presumptive Presence". Acceptance Limits: "0" = "Absence" and "1" = "Presence".

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