

Basin Mixtures BK

6309 Mill LN, Brooklyn NY

info@Basinmixtures.com

631-704-3130

License #: OCM-PROC-24-000034

Certificate of Analysis

Final



Date Released: 10/21/2025 3:51:59PM

Report #: 92375

RS-11

Sample #: 20858, Weight: 8.00g, Unit Count:

Order #: X251008-0001

Category/Type: Concentrates & Extract, Concentrate

Date Collected: 10/7/2025 8:00:00PM

Date Received: 10/8/2025 4:43:03PM

Date Sampled: 10/7/2025 12:07:00PM

Regulator Sample ID: RS11-100725-002

Regulator Source Package ID: RS11-100725-002

Regulator Batch ID: RS11-100725-002

Size: 1800Units, Unit Count:



Total Cannabinoids
86.50 %
865.0 mg/g



Total THC
65.32 %
653.2 mg/g



Total CBD
5.253 %
52.53 mg/g



Total Terpenes
2.459 %



Heavy Metals
PASS



Residual Solvents
PASS



Pesticides
PASS



Mycotoxins
PASS

Potency Analysis by HPLC

Total Cannabinoids: **86.50 % - 865.0 mg/g**

Total THC: **65.32 % - 653.2 mg/g**

Total CBD: **5.253 % - 52.53 mg/g**

Date Completed: 10/13/2025 1:24PM

Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration
THCa	23978-85-0	0.001000	71.49	714.9	
CBC	20675-51-8	0.001000	4.022	40.22	
CBD	13956-29-1	0.001000	3.659	36.59	
d9-THC	1972-08-3	0.001000	2.622	26.22	
CBGa	25555-57-1	0.001000	2.018	20.18	
CBDa	1244-58-2	0.001000	1.818	18.18	

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Keystone State Testing of New York
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Dr. Kelly Greenland, Lab Director



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Sample #: 20858

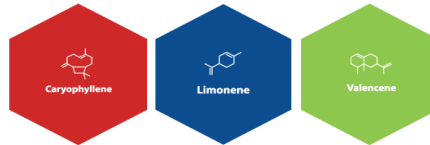
RS-11

Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration
CBG	25654-31-3	0.001000	0.8713	8.713	
d8-THC	5957-75-5	0.001000	ND	ND	
d10/R9-THC		0.001000	ND	ND	
d10/S9-THC		0.001000	ND	ND	
THCV	31262-37-0	0.001000	ND	ND	
CBDV	24274-48-4	0.001000	ND	ND	
CBN	521-35-7	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.

Terpenes by HS-GC-MS

Date Completed: 10/10/2025 4:43PM



Compound	CAS#	LOQ (%)	%	Relative Concentration
Beta-caryophyllene	87-44-5	0.1000	0.6397	
Limonene	5989-27-5	0.1000	0.3789	
Farnesene	502-61-4	0.1000	0.3767	
Valencene	4630-07-3	0.1000	0.2763	
Beta-myrcene	123-35-3	0.1000	0.2681	
Alpha-pinene	80-56-8	0.1000	0.2109	
Ocimene	13877-91-3	0.1000	0.1551	
Alpha-humulene	6753-98-6	0.1000	0.1535	

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Sample #: 20858 RS-11

Compound	CAS#	LOQ (%)	%	Relative Concentration
Results based on dry weight				
Linalool	78-70-6	0.1000	ND	
Beta-pinene	127-91-3	0.1000	ND	
Terpinolene	586-62-9	0.1000	ND	
Alpha-bisabolol	515-69-5	0.1000	ND	
Caryophyllene-oxide	1139-30-6	0.1000	ND	
Geraniol	106-24-1	0.1000	ND	
Camphene	79-92-5	0.1000	ND	
Guaiol	489-86-1	0.1000	ND	
Alpha-terpinene	99-86-5	0.1000	ND	
Terpineol	8006-39-1	0.1000	ND	
Fenchol	14575-74-7	0.1000	ND	
Alpha-phellandrene	99-83-2	0.1000	ND	
Test Comment: Terpenes tested by GCMS using P-NY210. Unless otherwise stated, all QC passed.				

Pesticides by LCMSMS		Pass		Analysis Date: 10/14/2025 11:41 am	
Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status	
Abamectin	0.0100	0.500	ND	Pass	
Acephate	0.0100	0.400	ND	Pass	
Acequinocyl	0.0100	2.00	ND	Pass	
Acetamiprid	0.0100	0.200	ND	Pass	
Aldicarb	0.0100	0.400	ND	Pass	
Azadirachtin	0.0100	1.00	ND	Pass	
Azoxystrobin	0.0100	0.200	ND	Pass	
Bifenazate	0.0100	0.200	ND	Pass	
Bifenthrin	0.0100	0.200	ND	Pass	
Boscalid	0.0100	0.400	ND	Pass	

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Sample #: 20858 RS-11

Pesticides by LCMSMS		Pass		Analysis Date: 10/14/2025 11:41 am	
Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status	
Captan	0.0100	1.00	ND	Pass	
Carbaryl	0.0100	0.200	ND	Pass	
Carbofuran	0.0100	0.200	ND	Pass	
Chlorantraniliprole	0.0100	0.200	ND	Pass	
Chlordane-alpha	0.0100	1.00	ND	Pass	
Chlorfenapyr	0.0100	1.00	ND	Pass	
Chlormequat Chloride	0.0100	1.00	ND	Pass	
Chlorpyrifos	0.0100	0.200	ND	Pass	
Clofentezine	0.0100	0.200	ND	Pass	
Coumaphos	0.0100	1.00	ND	Pass	
Cyfluthrin	0.0100	1.00	ND	Pass	
Cypermethrin	0.0100	1.00	ND	Pass	
Daminozide	0.0100	1.00	ND	Pass	
Diazinon	0.0100	0.200	ND	Pass	
Dichlorvos	0.0100	1.00	ND	Pass	
Dimethoate	0.0100	0.200	ND	Pass	
Dimethomorph	0.0100	1.00	ND	Pass	
Ethoprophos	0.0100	0.200	ND	Pass	
Etofenprox	0.0100	0.400	ND	Pass	
Etoxazole	0.0100	0.200	ND	Pass	
Fenhexamid	0.0100	1.00	ND	Pass	
Fenoxycarb	0.0100	0.200	ND	Pass	
Fenpyroximate	0.0100	0.400	ND	Pass	
Fipronil	0.0100	0.400	ND	Pass	
Flonicamid	0.0100	1.00	ND	Pass	
Fludioxonil	0.0100	0.400	ND	Pass	

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Sample #: 20858

RS-11

Pesticides by LCMSMS

Pass

Analysis Date: 10/14/2025 11:41 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Hexythiazox	0.0100	1.00	ND	Pass
Imazalil	0.0100	0.200	ND	Pass
Imidacloprid	0.0100	0.400	ND	Pass
Indolebutyric Acid	0.0100	1.00	ND	Pass
Kresoxim-methyl	0.0100	0.400	ND	Pass
Malathion	0.0100	0.200	ND	Pass
Metaxyl	0.0100	0.200	ND	Pass
Methiocarb	0.0100	0.200	ND	Pass
Methomyl	0.0100	0.400	ND	Pass
Methyl Parathion	0.0100	0.200	ND	Pass
Mevinphos	0.0100	1.00	ND	Pass
MGK-264	0.0100	0.200	ND	Pass
Myclobutanil	0.0100	0.200	ND	Pass
Naled	0.0100	0.500	ND	Pass
Oxamyl	0.0100	1.00	ND	Pass
Paclobutrazol	0.0100	0.400	ND	Pass
Pentachloronitrobenzene	0.0100	1.00	ND	Pass
Permethrins, Total	0.0100	0.200	ND	Pass
Phosmet	0.0100	0.200	ND	Pass
Piperonyl Butoxide	0.0100	2.00	ND	Pass
Prallethrin	0.0100	0.200	ND	Pass
Propiconazole	0.0100	0.400	ND	Pass
Propoxur	0.0100	0.200	ND	Pass
Pyrethrins Total	0.0100	1.00	ND	Pass
Pyridaben	0.0100	0.200	ND	Pass
Spinetoram Total	0.0100	1.00	ND	Pass

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Kelly N. Greenland

Dr. Kelly Greenland, Lab Director





Sample #: 20858

RS-11

Pesticides by LCMSMS

Pass

Analysis Date: 10/14/2025 11:41 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Spinosad Total	0.0100	0.200	ND	Pass
Spiromesifen	0.0100	0.200	ND	Pass
Spirotetramat	0.0100	0.200	ND	Pass
Spiroxamine	0.0100	0.200	ND	Pass
Tebuconazole	0.0100	0.400	ND	Pass
Thiacloprid	0.0100	0.200	ND	Pass
Thiamethoxam	0.0100	0.200	ND	Pass
Trifloxystrobin	0.0100	0.200	ND	Pass

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

Residual Solvents by HS-GC-MS

Pass

Analysis Date: 10/10/2025 3:04 pm

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
1,2-Dichloroethane	0.0500	5.00	ND	Pass
Acetone	50.00	5000	ND	Pass
Acetonitrile	50.00	410	ND	Pass
Benzene	0.5000	2.00	ND	Pass
Butanes Total	25.00	5000	ND	Pass
Chloroform	0.5000	60.0	ND	Pass
Dimethyl Sulfoxide (DMSO)	50.00	5000	ND	Pass
Ethanol	50.00	5000	ND	Pass
Ethyl acetate	50.00	5000	ND	Pass
Ethyl ether	50.00	5000	ND	Pass
Freon	50.00	1000	ND	Pass
Heptane	50.00	5000	ND	Pass
Hexanes Total	10.00	290	ND	Pass
Isopropanol	50.00	5000	ND	Pass

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Sample #: 20858

RS-11

Residual Solvents by HS-GC-MS

Pass

Analysis Date: 10/10/2025 3:04 pm

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
Methanol	50.00	3000	ND	Pass
Methylene chloride	50.00	600	ND	Pass
Pentanes Total	16.70	5000	ND	Pass
Propane	50.00	5000	ND	Pass
Toluene	50.00	890	ND	Pass
Total xylenes	25.00	2170	ND	Pass
Trichloroethane (1,1,1-)	50.00	1500	ND	Pass

Comment: Residual Solvents tested by GCMS using P-NY170. Unless otherwise stated, all QC passed. "TIC" stands for Tentatively Identified Compound but not quantitated.

Mycotoxins by LCMSMS

Pass

Analysis Date: 10/14/2025 11:42 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: 10/09/2025 4:42 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Antimony	0.0100	2.00	ND	Pass
Arsenic	0.00100	0.200	0.0218	Pass
Cadmium	0.00150	0.300	ND	Pass
Chromium	0.280	110	ND	Pass
Copper	0.0750	30.0	0.520	Pass

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Sample #: 20858 RS-11

Heavy Metals by ICPMS		Pass		Analysis Date: 10/09/2025 4:42 pm	
Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status	
Lead	0.00250	0.500	0.0353	Pass	
Mercury	0.000500	0.100	ND	Pass	
Nickel	0.0100	2.00	0.222	Pass	
Comment: Heavy Metal contamination tested by ICPMS using P-NY140. Unless otherwise stated, all QC passed.					

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