

Certificate of Analysis

Produced: Oct 20, 2025

Sample: Caribbean Breeze Power Patch (2pack) (Topical) • Client: Mary's Medicinals • Batch: Pass



Manufacturer Info

Manufacturer

JRM127
2701 N. Dettman Rd
Jackson, MI 49201

License

AU-P-000174
Adult-Use and Medicinal - Processor

Test Pkg: 1A4050300018705000218733

Src Pkg: 1A4050300018705000218729

Matrix: Topical

Category: Infused Non-Edible

Sample ID: ICM-251014-061

Collected on: Oct 14, 2025

Received on: Oct 14, 2025

Batch Size: 3610 Units

Sample Size: 30 Units

Received By: Vanessa Whitehead

Package Size: 1.32 g

Batch Result: Pass

Potency	Pass	Microbial	Pass
Foreign	Pass	Pesticides	Pass
Metals	Pass	Solvents	Pass
Homogeneity	Pass		

Cannabinoid Overview

Total THC:	48.009 mg/pkg
Total CBD:	0.090 mg/pkg
Sum of Cannabinoids:	52.525 mg/pkg

POT-001: POT-001: Cannabinoids by HPLC-DAD

Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)
CBC	2.1252	0.161	1.61	0.0220/0.0740	CBN	ND	ND	ND	0.0260/0.0860
CBCA	ND	ND	ND	0.0310/0.101	CBNA	ND	ND	ND	0.0120/0.0390
CBCV	ND	ND	ND	0.0180/0.0600	CBT	ND	ND	ND	0.0200/0.0650
CBD	0.0924	0.007	0.07	0.00700/0.0240	Δ ⁸ + Δ ⁹ -THC*	48.0084	3.637	36.37	
CBDA	ND	ND	ND	0.0100/0.0340	Δ ⁸ -THC	ND	ND	ND	0.278/0.916
CBDV	ND	ND	ND	0.0250/0.0810	Δ ⁹ -THC	48.0084	3.637	36.37	0.264/0.871
CBDVA	ND	ND	ND	0.0110/0.0370	THCA	ND	ND	ND	0.0100/0.0320
CBG	1.8876	0.143	1.43	0.0180/0.0590	THCV	0.4224	0.032	0.32	0.0120/0.0390
CBGA	ND	ND	ND	0.0160/0.0520	THCVA	ND	ND	ND	0.0160/0.0540
CBL	ND	ND	ND	0.0160/0.0520	Total THC**	48.0084	3.637	36.37	
CBLA	ND	ND	ND	0.00600/0.0210	Total CBD**	0.0924	0.007	0.07	

* Beyond scope of accreditation

Total THC = THCa * 0.877 + d9-THC; Total CBD = CBDa * 0.877 + CBD; NR= Not Reported, ND= Not Detected, *Reported by Dry Mass*; *analytical instrumentation used Cannabinoids: UHPLC-DAD, Moisture: Mass by Drying, Water Activity: Water Activity Meter, Foreign: Microscope* *Density tested at a temperature range between 19-24 °C, **Water Activity tested at a humidity range between 0-90% Relative Humidity. All OA samples are sampled by the client, All Michigan State Compliant samples sampled using SAMPL-SOP-001.



GCP-001: GCP-001: Chemical Residues by GC-MS/MS

Analyte	Amt (µg/g)	Limit (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Chlorfenapyr	ND	1	0.0360/0.108	Pass
Cyfluthrin	ND	1	0.0580/0.174	Pass
Cypermethrin	ND	1	0.0450/0.135	Pass
Methyl parathion	ND	0.2	0.0140/0.0420	Pass

Analyte	Amt (µg/g)	Limit (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
MGK-264	ND	0.2	0.0160/0.0480	Pass
MGK-264 I	ND			N/A
MGK-264 II	ND			N/A

LCP-001: LCP-001: Chemical Residues by LC-MS/MS

Analyte	Amt (µg/g)	Limit (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Abamectin	ND	0.5	0.0120/0.0410	Pass
Acephate	ND	0.4	0.00400/0.0140	Pass
Acequinocyl	ND	2	0.00600/0.0200	Pass
Acetamiprid	ND	0.2	0.00200/0.0110	Pass
Aldicarb	ND	0.4	0.00600/0.0190	Pass
Azoxystrobin	ND	0.2	0.00200/0.0110	Pass
Bifenazate	ND	0.2	0.00400/0.0130	Pass
Bifenthrin	ND	0.2	0.00500/0.0170	Pass
Boscalid	ND	0.4	0.00300/0.0120	Pass
Carbaryl	ND	0.2	0.00400/0.0150	Pass
Carbofuran	ND	0.2	0.00100/0.0130	Pass
Chlorantraniliprole	ND	0.2	0.00400/0.0120	Pass
Chlorpyrifos	ND	0.2	0.00200/0.0110	Pass
Clofentezine	ND	0.2	0.00300/0.0120	Pass
Daminozide	ND	1	0.00500/0.0160	Pass
Diazinon	ND	0.2	0.00300/0.0110	Pass
Dichlorvos	ND	1	0.00200/0.0110	Pass
Dimethoate	ND	0.2	0.00200/0.0110	Pass
Ethoprophos	ND	0.2	0.00200/0.0110	Pass
Etofenprox	ND	0.4	0.00300/0.0110	Pass
Etoxazole	ND	0.2	0.00200/0.0120	Pass
Fenoxycarb	ND	0.2	0.00300/0.0120	Pass
Fenpyroximate	ND	0.4	0.00200/0.0120	Pass
Fipronil	ND	0.4	0.00300/0.0120	Pass
Flonicamid	ND	1	0.00300/0.0110	Pass
Fludioxonil	ND	0.4	0.00800/0.0270	Pass
Hexythiazox	ND	1	0.00300/0.0110	Pass
Imazalil	ND	0.2	0.00700/0.0230	Pass
Imidacloprid	ND	0.4	0.00700/0.0240	Pass
Kresoxim-methyl	ND	0.4	0.00600/0.0210	Pass

Analyte	Amt (µg/g)	Limit (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Malathion	ND	0.2	0.00300/0.0110	Pass
Metalaxyl	ND	0.2	0.00200/0.0120	Pass
Methiocarb	ND	0.2	0.00100/0.0130	Pass
Methomyl	ND	0.4	0.00200/0.0130	Pass
Myclobutanil	ND	0.2	0.00400/0.0130	Pass
Naled	ND	0.5	0.00400/0.0140	Pass
Oxamyl	ND	1	0.00300/0.0120	Pass
Paclobutrazol	ND	0.4	0.00200/0.0120	Pass
Permethrin	ND	0.2		Pass
Permethrin cis	ND		0.00200/0.00500	N/A
Permethrin trans	ND		0.00600/0.0200	N/A
Phosmet	ND	0.2	0.00300/0.0110	Pass
Prallethrin	ND	0.2	0.00600/0.0190	Pass
Propiconazole	ND	0.4	0.00200/0.0110	Pass
Propoxur	ND	0.2	0.00300/0.0130	Pass
Pyrethrins	ND	1		Pass
Pyrethrins Cinerin I	ND		0.00300/0.00900	N/A
Pyrethrins Jasmolin I	ND		0.00100/0.00300	N/A
Pyrethrins Pyrethrin I	ND		0.00200/0.00600	N/A
Pyridaben	ND	0.2	0.00300/0.0110	Pass
Spinosad	ND	0.2		Pass
Spinosad A	ND		0.00300/0.00900	N/A
Spinosad D	ND		0.00100/0.00300	N/A
Spiromesifen	ND	0.2	0.00500/0.0160	Pass
Spirotetramat	ND	0.2	0.00300/0.0120	Pass
Spiroxamine	ND	0.4	0.00500/0.0150	Pass
Tebuconazole	ND	0.4	0.00300/0.0110	Pass
Thiacloprid	ND	0.2	0.00200/0.0110	Pass
Thiamethoxam	ND	0.2	0.00300/0.0110	Pass
Trifloxystrobin	ND	0.2	0.00100/0.0120	Pass

RS-001: RS-001: Residual Solvents by HS-GC-MS

Analyte	Amt (µg/g)	Limit (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
1,2-Dichloroethane	ND	5	0.100/0.290	Pass
2,2-Dimethylbutane*	ND	290	0.355/1.07	Pass
2,2-Dimethylpropane	ND		0.153/0.460	N/A
2,3-Dimethylbutane*	ND	290	0.287/0.860	Pass
2-Methylbutane	ND	5000	0.271/0.814	Pass
2-Methylpentane*	ND	290	0.258/0.774	Pass
3-Methylpentane	ND	290	0.440/1.32	Pass
Acetone	< LOQ	5000	14.7/120	Pass
Acetonitrile	ND	410	0.800/12.0	Pass
Benzene	ND	2	0.100/0.310	Pass
Butane	ND	5000		Pass
Butanes all isomers*	ND	5000		Pass
Chloroform	ND	60	0.0900/0.280	Pass
Ethanol	ND	5000	1.03/25.0	Pass
Ethyl acetate	9.228	5000	0.330/0.980	Pass

Analyte	Amt (µg/g)	Limit (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Ethylene oxide	ND	50	1.25/3.75	Pass
Ethyl ether	ND	5000	0.380/1.16	Pass
Heptane	ND	5000	2.06/6.19	Pass
Hexane	ND	290		Pass
Hexanes all isomers*	ND	290		Pass
Isobutane*	ND	5000	0.178/0.535	Pass
Isopropyl alcohol	< LOQ	5000	0.760/20.0	Pass
Methanol	ND	3000	7.16/50.0	Pass
Methylene chloride	ND	600	1.00/3.00	Pass
Pentane	ND	5000		Pass
Pentanes all isomers*	ND	5000		Pass
Propane	ND	5000	1.40/4.19	Pass
Toluene	ND	890	0.430/1.29	Pass
Trichloroethylene	ND	80	0.150/0.440	Pass
Total xylenes	ND	2170	0.260/0.770	Pass

* Beyond scope of accreditation

MIC-002: MIC-002: Quantitative Microbial Analysis by Petrifilm Plating

Analyte	Amt (CFU/g)	Pass/Fail
Coliforms	ND	Pass

Analyte	Amt (CFU/g)	Pass/Fail
Yeast & Mold	ND	Pass

MIC-004: MIC-004: Targeted Microbial Detection by qPCR

Analyte	Amt (CFU/g)	Pass/Fail
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Analyte	Amt (CFU/g)	Pass/Fail
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Aspergillus spp.	ND	Pass	Shiga toxin-producing E. coli	ND	Pass
Salmonella spp.	ND	Pass			

HM-001: HM-001: Heavy Metals by ICP-MS

Analyte	Amt (µg/g)	Limit (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Amt (µg/g)	Limit (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Arsenic	< LOQ	1.5	0.00170/0.0340	Pass	Lead	0.059	0.5	0.00600/0.0170	Pass
Cadmium	0.005	0.5	0.00200/0.00500	Pass	Mercury	< LOQ	3	0.00300/0.0140	Pass
Chromium	0.190	2	0.0520/0.156	Pass	Nickel	0.316		0.0160/0.0480	N/A
Copper	0.173		0.00600/0.0190	N/A					

HOMOG-001: HOMOG-001: Homogeneity by HPLC-DAD

Analyte	Amt (%)	Limit (%)	Pass/Fail	Analyte	Amt (%)	Limit (%)	Pass/Fail
CBD RSD	5.790		N/A	THC RSD	1.540	15	Pass

Notes

Carrie Watson Oct 19, 2025	Cannabinoids by HPLC-DAD *CBC, CBGA, CBCV, CBDV,CBDVA,CBGA,CBL, CBLA,CBNA,CBT,THCV,THCVA have not been evaluated by the CRA and are for informational purposes only.
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Accreditations**PJLA Accredited****LCP-001: LCP-001: Chemical Residues by LC-MS/MS**

Abamectin, Acephate, Acequinocyl, Acetamidiprid, Aldicarb, Azoxystrobin, Bifenazate, Bifenthrin, Boscalid, Carbaryl, Carbofuran, Chlorantraniliprole, Chlorpyrifos, Clofentezine, Daminozide, Diazinon, Dichlorvos, Dimethoate, Ethoprophos, Etofenprox, Etoxazole, Fenoxycarb, Fenpyroximate, Fipronil, Flonicamid, Fludioxonil, Hexythiazox, Imazalil, Imidacloprid, Kresoxim-methyl, Malathion, Metalaxyl, Methiocarb, Methomyl, Myclobutanil, Naled, Oxamyl, Pacllobutrazol, Permethrin, Permethrin cis, Permethrin trans, Phosmet, Prallethrin, Propiconazole, Propoxur, Pyrethrins, Pyrethrins Cinerin I, Pyrethrins Jasmolin I, Pyrethrins Pyrethrin I, Pyridaben, Spinosad, Spinosad A, Spinosad D, Spiromesifen, Spirotetramat, Spiroxamine, Tebuconazole, Thiacloprid, Thiamethoxam, Trifloxystrobin

RS-001: RS-001: Residual Solvents by HS-GC-MS

1,2-Dichloroethane, 2,2-Dimethylpropane, 2-Methylbutane, 3-Methylpentane, Acetone, Acetonitrile, Benzene, Butane, Chloroform, Ethanol, Ethyl acetate, Ethyl ether, Ethylene oxide, Heptane, Hexane, Isopropyl alcohol, Methanol, Methylene chloride, Pentane, Propane, Toluene, Total xylenes, Trichloroethylene

POT-001: POT-001: Cannabinoids by HPLC-DAD

CBC, CBGA, CBCV, CBD, CBDA, CBDV, CBDVA, CBG, CBGA, CBL, CBLA, CBN, CBNA, CBT, Delta-8-THC, Delta-9-THC, THCA, THCV, THCVA, Total CBD, Total THC

GCP-001: GCP-001: Chemical Residues by GC-MS/MS

Chlorfenapyr, Cyfluthrin, Cypermethrin, MGK-264, MGK-264 I, MGK-264 II, Methyl parathion

MIC-004: MIC-004: Targeted Microbial Detection by qPCR

Aspergillus spp., Salmonella spp., Shiga toxin-producing E. coli

HM-001: HM-001: Heavy Metals by ICP-MS

Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel

FFM-001: FFM-001: Foreign Matter by Microscopic Inspection

Inorganic Matter, Organic Matter

MIC-002: MIC-002: Quantitative Microbial Analysis by Petrifilm Plating

Coliforms, Yeast & Mold

