



Genomics & Therapeutics

Hemp Quality Assurance Testing: Certificate of Analysis

Product Description: reGEN Extended Release Capsules - 50mg CBD:10mg CBG
Expiration Date: JANUARY 2026

Lot Id: BR1-54

Terms

LOD: Limit of detection is the lowest amount of a compound that can be distinguished from the absence of that compound.

LOQ: Limit of quantitation is the lowest value of a compound that can be quantified with a specified degree of confidence.

ND: Not detected or less than the limit of detection value.

Units of Measure

mg/mL = Milligrams per milliliter

mg/g = Milligrams per gram

µg/g = Microgram per gram

1 µg/g = 1 parts per million (ppm)

1 µg/kg = Microgram per kilogram = 1 parts per billion (ppb)

CFU/g = Colony forming units/gram

% = Percentage of sample

Cannabinoids

SC Laboratories Test ID: T000234298

of Capsules = 1, Sample Weight = 0.349g

Compound	Result (mg)	LOD (mg)	LOQ (mg)
Cannabidiol (CBD)	54.08		
Cannabigerol (CBG)	10.81		
Cannabichromene (CBC)	0.9		
Cannabidivarin (CBDV)	0.2		
Cannabinol (CBN)	0.41		
Cannabidiolic Acid (CBDA)	ND	0.269	0.833
Cannabidivarinic Acid (CBDVA)	ND	0.112	0.347
Cannabigerolic Acid (CBGA)	ND	0.218	0.664
Cannabichromenic Acid (CBCA)	ND	0.084	0.256
Cannabinolic Acid (CBNA)	ND	0.149	0.453
Delta 9-Tetrahydrocannabinol (▲ 9-THC)	ND	0.236	0.718
Delta 8-Tetrahydrocannabinol (▲ 8-THC)	ND	0.209	0.636
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	ND	0.001	0.005
Tetrahydrocannabivarin (THCV)	ND	0.047	0.144
Tetrahydrocannabivarinic Acid (THCVA)	ND	0.184	0.561
Total Potential THC	ND		
Total Cannabinoids	66.4		

Microbial

SC Laboratories Test ID: T000235334

Polymerase Chain Reaction (PCR)	LOD	Result	Result
Shiga toxin-producing Escherichia coli	10 ⁰ CFU/25g	ND	PASS
Salmonella spp.	10 ⁰ CFU/25g	ND	PASS
Plating with 3M Petrifilm	LOD	Result CFU/g	Result
Total Aerobic Bacteria	10 ² CFU/g	ND	PASS
Total Yeast and Mold	10 ¹ CFU/g	ND	PASS
Total Coliforms	10 ¹ CFU/g	ND	PASS

Mycotoxins

SC Laboratories Test ID: T000232714

Compound	Result (ppb)	LOD (ppb)	Result
Aflatoxin B1	ND	1.1	PASS
Aflatoxin B2	ND	1.04	PASS
Aflatoxin G1	ND	1.14	PASS
Aflatoxin G2	ND	1.07	PASS
Ochratoxin A	ND	4.44	PASS

Pesticides

SC Laboratories Test ID: 230407M008-001

Compound	Result (µg/g)	LOD (µg/g)	Result
Abamectin	ND	0.032	PASS
Acephate	ND	0.006	PASS
Acequinocyl	ND	0.009	PASS
Acetamiprid	ND	0.016	PASS
Aldicarb	ND	0.030	PASS

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Allethrin	ND	0.030	PASS
Atrazine	ND	0.006	PASS
Azadirachtin	ND	0.082	PASS
Azoxystrobin	ND	0.003	PASS
Benzovindiflupyr	ND	0.003	PASS
Bifenazate	ND	0.003	PASS
Bifenthrin	ND	0.021	PASS
Boscalid	ND	0.003	PASS
Buprofezin	ND	0.006	PASS
Carbaryl	ND	0.007	PASS
Carbofuran	ND	0.003	PASS
Chlorantraniliprole	ND	0.006	PASS
Chlorfenapyr	ND	0.005	PASS
Chlorpyrifos	ND	0.013	PASS
Clofentezine	ND	0.003	PASS
Clothianidin	ND	0.008	PASS
Coumaphos	ND	0.003	PASS
Cyantraniliprole	ND	0.003	PASS
Cyfluthrin	ND	0.052	PASS
Cypermethrin	ND	0.051	PASS
Cyprodinil	ND	0.003	PASS
Daminozide	ND	0.026	PASS
Deltamethrin	ND	0.059	PASS
Diazinon	ND	0.006	PASS
Dichlorvos (DDVP)	ND	0.012	PASS
Dimethoate	ND	0.003	PASS
Dimethomorph	ND	0.016	PASS
Dinotefuran	ND	0.010	PASS
Diuron	ND	0.013	PASS
Dodemorph	ND	0.012	PASS
Endosulfan sulfate	ND	0.016	PASS
Endosulfan- α	ND	0.004	PASS
Endosulfan- β	ND	0.006	PASS
Ethoprofos	ND	0.003	PASS
Etofenprox	ND	0.014	PASS
Etoxazole	ND	0.007	PASS
Etridiazole	ND	0.002	PASS
Fenhexamid	ND	0.003	PASS

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Fenoxycarb	ND	0.003	PASS
Fenpyroximate	ND	0.007	PASS
Fensulfothion	ND	0.003	PASS
Fenthion	ND	0.003	PASS
Fenvalerate	ND	0.033	PASS
Fipronil	ND	0.003	PASS
Flonicamid	ND	0.007	PASS
Fludioxonil	ND	0.003	PASS
Fluopyram	ND	0.003	PASS
Hexythiazox	ND	0.003	PASS
Imazalil	ND	0.003	PASS
Imidacloprid	ND	0.003	PASS
Iprodione	ND	0.077	PASS
Kinoprene	ND	0.077	PASS
Kresoxim-methyl	ND	0.006	PASS
λ-Cyhalothrin	ND	0.068	PASS
Malathion	ND	0.003	PASS
Metalaxyl	ND	0.003	PASS
Methiocarb	ND	0.003	PASS
Methomyl	ND	0.008	PASS
Methoprene	ND	0.172	PASS
Mevinphos	ND	0.008	PASS
MGK-264	ND	0.015	PASS
Myclobutanil	ND	0.003	PASS
Naled	ND	0.021	PASS
Novaluron	ND	0.002	PASS
Oxamyl	ND	0.017	PASS
Paclobutrazol	ND	0.003	PASS
Parathion-methyl	ND	0.016	PASS
Pentachloronitrobenzene	ND	0.004	PASS
Permethrin	ND	0.056	PASS
Phenothrin	ND	0.016	PASS
Phosmet	ND	0.007	PASS
Piperonyl Butoxide	ND	0.010	PASS
Pirimicarb	ND	0.003	PASS
Prallethrin	ND	0.015	PASS
Propiconazole	ND	0.027	PASS
Propoxur	ND	0.003	PASS

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Pyraclostrobin	ND	0.003	PASS
Pyrethrins	ND	0.016	PASS
Pyridaben	ND	0.005	PASS
Pyriproxyfen	ND	0.003	PASS
Resmethrin	ND	0.013	PASS
Spinetoram	ND	0.003	PASS
Spinosad	ND	0.003	PASS
Spirodiclofen	ND	0.031	PASS
Spiromesifen	ND	0.016	PASS
Spirotetramat	ND	0.003	PASS
Spiroxamine	ND	0.020	PASS
Tebuconazole	ND	0.003	PASS
Tebufenozide	ND	0.003	PASS
Teflubenzuron	ND	0.007	PASS
Tetrachlorvinphos	ND	0.003	PASS
Tetramethrin	ND	0.021	PASS
Thiabendazole	ND	0.006	PASS
Thiacloprid	ND	0.003	PASS
Thiamethoxam	ND	0.003	PASS
Thiophanate-methyl	ND	0.013	PASS
Trifloxystrobin	ND	0.003	PASS

Residual Solvents

SC Laboratories Test ID: T000232713

Compound	Result	LOD (ppm)	Limits (ppm)	Result
Propane	ND	92	1000	PASS
Butanes (Isobutane, n-Butane)	ND	186	1000	PASS
Methanol	ND	56	600	PASS
Pentane	ND	94	1000	PASS
Ethanol	ND	96	1000	PASS
Acetone	ND	93	1000	PASS
Isopropyl Alcohol	ND	99	1000	PASS
Hexane	ND	6	60	PASS
Ethyl Acetate	ND	95	1000	PASS
Benzene	ND	0.2	2	PASS
Heptanes	ND	95	1000	PASS
Toluene	ND	18	180	PASS
Xylenes (m,p,o-Xylenes)	ND	130	430	PASS

Heavy Metals

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SC Laboratories Test ID: T000232712

Compound	Result (µg/g)	LOD µg/g	Limits µg/g	Result
Arsenic	0.09	0.04	1.5	PASS
Cadmium	0.28	0.05	0.5	PASS
Lead	0.12	0.04	0.5	PASS
Mercury	ND	0.05	1.5	PASS

Overall Product Status: PASS

This CBx Genetics & Therapeutics product has met all product specifications and testing and is released. This product contains less than 0.3% Delta-9-THC per federal hemp regulations.

Approved By Sign and Date:

 8/2/2023

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 8/2/2023

Approved By Print Name and Position:

Dr. Mark T. Muller, Senior Scientist

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