



Certificate of Analysis

Informational Use Only - Not For Regulatory Use

Powered by Confident Cannabis
1 of 3

Core Manufacturing

4903 Dawn Ave
East Lansing, MI 48823
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(517) 488-9234
Lic. #H525028589162

Sample: 2311GRE0039.0106

Strain: Rootbeer 5mg HD9
Batch#: ; Batch Size: g
Sample Received: 11/10/2023; Report Created: 12/14/2023; Expires: 12/14/2024

Rootbeer 5mg HD9

Ingestible, Beverage
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Safety

Pass Pesticides	Pass Microbials	Not Tested NT Limit: 0.65 Aw Water Activity
Pass Solvents	Pass Metals	Not Tested Foreign Matter

Cannabinoids

5.19 mg/container Total THC	ND Total CBD
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Analyte	LOQ mg/container	Mass mg/container	Mass mg/mL
THCa	37.05	ND	ND
Δ9-THC	3.71	5.19	0.01
Δ8-THC	37.05	ND	ND
THCV	37.05	ND	ND
CBDa	37.05	ND	ND
CBD	37.05	ND	ND
CBDV	37.05	ND	ND
CBN	3.71	<LOQ	<LOQ
CBGa	37.05	ND	ND
CBG	37.05	ND	ND
CBC	37.05	ND	ND
Total		5.19	0.01

Terpenes

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Total Terpenes:
NT

Cannabinoid Potency performed per SOP-CHEM-002 on HPLC-PDA.
Total THC = THCa * 0.877 + Δ9-THC
Total CBD = CBDa * 0.877 + CBD
Water Activity performed per SOP-CHEM-013 using water activity meter.

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Kate Guyot
Quality Manager

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Residual Solvents

Pass

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
1,1-Dichloro-Ethane	1.000	1.000	ND	Pass
2,2-Dimethyl-Butane	1.000	1.000	ND	Pass
2,3-Dimethyl-Butane	1.000	1.000	ND	Pass
2-Methyl-Pentane	1.000	1.000	ND	Pass
3-Methyl-Pentane	1.000	1.000	ND	Pass
Acetone	1.000	1.000	ND	Pass
Acetonitrile	1.000	1.000	<LOQ	Pass
Benzene	1.000	1.000	ND	Pass
Butane	1.000	1.000	ND	Pass
Butanes	1.000	1.000	ND	Pass
Chloroform	1.000	1.000	ND	Pass
Ethanol	1.000	1.000	<LOQ	Pass
Ethyl-Acetate	1.000	1.000	ND	Pass
Ethyl-Ether	1.000	1.000	ND	Pass
Ethylene Oxide	1.000	1.000	ND	Pass
Heptane	1.000	1.000	ND	Pass
Hexanes	1.000	1.000	ND	Pass
Isobutane	1.000	1.000	ND	Pass
Isopentane	1.000	1.000	ND	Pass
Isopropanol	1.000	1.000	<LOQ	Pass
m-Xylene	1.000	1.000	ND	Pass
Methanol	1.000	1.000	<LOQ	Pass
Methylene-Chloride	1.000	1.000	ND	Pass
n-Hexane	1.000	1.000	ND	Pass
Neopentane	1.000	1.000	ND	Pass
o-Xylene	1.000	1.000	ND	Pass
p-Xylene	1.000	1.000	ND	Pass
Pentane	1.000	1.000	ND	Pass
Pentanes	1.000	1.000	ND	Pass
Propane	1.000	1.000	ND	Pass
Toluene	1.000	1.000	ND	Pass
Trichloroethene	1.000	1.000	ND	Pass
Xylenes	1.000	1.000	ND	Pass

Microbials

Pass

Analyte	Limit	Mass	Status
	CFU/g	CFU/g	
Aspergillus	1	ND	Pass
Coliforms	1000	ND	Pass
STEC E.Coli	1	ND	Pass
Salmonella	1	ND	Pass
Yeast & Mold	10000	ND	Pass

Aspergillus performed per SOP-BIO-002 on qPCR. Salmonella and STEC E.coli performed per SOP-BIO-001 on qPCR. Coliform and Yeast and Mold performed per SOP-BIO-003 using cell enumeration based on fluorescent signal.

Heavy Metals

Pass

Analyte	LOQ	Limit	Value	Result
	PPM	PPM	PPM	
Arsenic	0.2	1.5	<LOQ	Pass
Cadmium	0.2	0.5	<LOQ	Pass
Chromium	0.2	2.0	<LOQ	Pass
Copper	0.2		<LOQ	Tested
Lead	0.2	0.5	<LOQ	Pass
Mercury	0.1	3.0	<LOQ	Pass
Nickel	0.2		<LOQ	Tested

Residual Solvents performed per SOP-CHEM-005 on HS-GC-MS

Heavy Metals performed per SOP-CHEM-001 on ICP-MS

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Pesticides

Pass

Analyte	LOQ	Limit	Mass	Status	Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Abamectin	0.250	0.500	ND	Pass	Hexythiazox	0.500	1.000	ND	Pass
Acephate	0.200	0.400	ND	Pass	Imazalil	0.100	0.200	ND	Pass
Acequinocyl	1.000	2.000	ND	Pass	Imidacloprid	0.200	0.400	ND	Pass
Acetamiprid	0.100	0.200	ND	Pass	Kresoxim Methyl	0.200	0.400	ND	Pass
Aldicarb	0.200	0.400	ND	Pass	Malathion	0.100	0.200	ND	Pass
Azoxystrobin	0.100	0.200	ND	Pass	Metalaxyl	0.100	0.200	ND	Pass
Bifenazate	0.100	0.200	ND	Pass	Methiocarb	0.100	0.200	ND	Pass
Bifenthrin	0.100	0.200	ND	Pass	Methomyl	0.200	0.400	ND	Pass
Boscalid	0.200	0.400	ND	Pass	Methyl Parathion	0.100	0.200	ND	Pass
Carbaryl	0.100	0.200	ND	Pass	MGK-264	0.100	0.200	ND	Pass
Carbofuran	0.100	0.200	ND	Pass	Myclobutanil	0.100	0.200	ND	Pass
Chlorantraniliprole	0.100	0.200	ND	Pass	Naled	0.250	0.500	ND	Pass
Chlorfenapyr	0.500	1.000	ND	Pass	Oxamyl	0.500	1.000	ND	Pass
Chlorpyrifos	0.100	0.200	ND	Pass	Paclobutrazol	0.200	0.400	ND	Pass
Clofentezine	0.100	0.200	ND	Pass	Permethrins	0.100	0.200	ND	Pass
Cyfluthrin	0.500	1.000	ND	Pass	Phosmet	0.100	0.200	ND	Pass
Cypermethrin	0.500	1.000	ND	Pass	Prallethrin	0.100	0.200	ND	Pass
Daminozide	0.500	1.000	ND	Pass	Propiconazole	0.200	0.400	ND	Pass
Diazinon	0.100	0.200	ND	Pass	Propoxur	0.100	0.200	ND	Pass
Dichlorvos	0.500	1.000	ND	Pass	Pyrethrins	0.500	1.000	ND	Pass
Dimethoate	0.100	0.200	ND	Pass	Pyridaben	0.100	0.200	ND	Pass
Ethoprophos	0.100	0.200	ND	Pass	Spinosad	0.100	0.200	ND	Pass
Etofenprox	0.200	0.400	ND	Pass	Spiromesifen	0.100	0.200	ND	Pass
Etoxazole	0.100	0.200	ND	Pass	Spirotetramat	0.100	0.200	ND	Pass
Fenoxycarb	0.100	0.200	ND	Pass	Spiroxamine	0.200	0.400	ND	Pass
Fenpyroximate	0.200	0.400	ND	Pass	Tebuconazole	0.200	0.400	ND	Pass
Fipronil	0.200	0.400	ND	Pass	Thiacloprid	0.100	0.200	ND	Pass
Fonicamid	0.500	1.000	ND	Pass	Thiamethoxam	0.100	0.200	ND	Pass
Fludioxonil	0.200	0.400	ND	Pass	Trifloxystrobin	0.100	0.200	ND	Pass

Chemical Residue performed per SOP-CHEM-003 on LC-MS/MS and GC-MS/MS

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