

## HIMALAYA Live Resin - GMO Rootbeer (GMR) (Lot #D099-542)

METRC Batch: 1A406030000477D000001105  
METRC Sample: 1A4060300005141000123796  
**Sample ID: 2311ENC2598\_8059**  
Strain: GMO Rootbeer  
Matrix: Concentrates & Extracts  
Type: Live Resin  
Batch#: #D099-542

Collected: 11/17/2023  
Received: 11/17/2023  
Completed: 11/21/2023  
Sample Size: 20 units; Batch: 5,600 units

Distributor  
**Korben Labs, LLC**  
Lic. # C11-0000834-LIC  
241 Lathrop Way,  
Suite A,  
Sacramento, CA, 95815

Producer  
**Korben Labs, LLC**  
Lic. # CDPH-10002731  
241 Lathrop Way, Suite A  
Sacramento, CA 95815



### Summary

Test	Date Tested	Instr. Method	Result
Batch			Pass
Cannabinoids	11/20/2023	LC-DAD	Pass
Terpenes	11/20/2023	GC-MS	Complete
Pesticides	11/20/2023	LC-MS	Pass
Mycotoxins	11/20/2023	LC-MS	Pass
Residual Solvents	11/20/2023	HS-GC-MS	Pass
Microbial Impurities	11/21/2023	qPCR	Pass
Heavy Metals	11/21/2023	ICP-MS	Pass
Foreign Matter	11/20/2023	Visual Inspection	Pass

### Cannabinoids

Method: SOP EL-CANNABINOIDS

**76.849 %**

Total THC

**0.142 %**

Total CBD

**83.463 %**

Total Cannabinoids

Analytes	LOD	LOQ	Result	Result	Result
	mg/g	mg/g	%	mg/g	mg/unit
THCa	0.234	0.709	86.974	869.74	869.74
Δ9-THC	0.250	0.759	0.573	5.73	5.73
Δ8-THC	0.277	0.839	ND	ND	ND
THCVa	0.270	0.818	0.656	6.56	6.56
THCV	0.279	0.846	ND	ND	ND
CBDa	0.245	0.743	0.162	1.62	1.62
CBD	0.236	0.716	ND	ND	ND
CBN	0.223	0.675	ND	ND	ND
CBGa	0.266	0.807	4.950	49.50	49.50
CBG	0.246	0.744	0.285	2.85	2.85
CBCa	0.217	0.658	1.448	14.48	14.48
CBC	0.255	0.773	ND	ND	ND
<b>Total THC</b>			<b>76.849</b>	<b>768.49</b>	<b>768.490</b>
<b>Total CBD</b>			<b>0.142</b>	<b>1.42</b>	<b>1.419</b>
<b>Total Cannabinoids</b>			<b>83.463</b>	<b>834.62</b>	<b>834.625</b>
<b>Sum of Cannabinoids</b>			<b>95.048</b>	<b>950.48</b>	<b>950.479</b>

1 Unit = 1g;

Total THC = THCa \* 0.877 + Δ9-THC + Δ8-THC; Total CBD = CBDa \* 0.877 + CBD; Total Cannabinoids = (cannabinoid acid forms \* 0.877) + cannabinoids; Sum of Cannabinoids = cannabinoid acid forms + cannabinoids; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected. The reported result is based on a sample weight with the applicable moisture content for that sample. Foreign Material Method: SOP EL-FOREIGN; Moisture and Water Activity Method: SOP EL-WATER



*Brad Kao*  
Brad Kao  
Laboratory Supervisor | 11/21/2023



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### Terpenes






Method: EL-TERPENES

Analytes	LOD	LOQ	Result	Result
	mg/g	mg/g	%	mg/g
δ-Limonene	0.045	0.371	2.231	22.31
β-Caryophyllene	0.094	0.371	1.768	17.68
β-Myrcene	0.087	0.371	1.578	15.78
α-Humulene	0.036	0.371	0.664	6.64
α-Bisabolol	0.112	0.371	0.229	2.29
β-Pinene	0.050	0.371	0.219	2.19
α-Pinene	0.054	0.371	0.160	1.60
Camphene	0.032	0.371	0.050	0.50
Terpinolene	0.081	0.371	<LOQ	<LOQ
α-Phellandrene	0.064	0.371	ND	ND
δ-3-Carene	0.044	0.371	ND	ND
p-Cymene	0.035	0.371	ND	ND
Eucalyptol	0.062	0.371	ND	ND
γ-Terpinene	0.066	0.371	ND	ND
Fenchone	0.059	0.371	ND	ND
Linalool	0.058	0.371	ND	ND
Fenchol	0.051	0.371	ND	ND
Camphor	0.067	0.557	ND	ND
Valencene	0.096	0.371	ND	ND
cis-Nerolidol	0.093	0.371	ND	ND
trans-Nerolidol	0.120	0.371	ND	ND
Caryophyllene Oxide	0.111	0.371	ND	ND
Guaiol	0.109	0.371	ND	ND
Sabinene	0.036	0.371	ND	ND
Sabinene Hydrate	0.070	0.371	ND	ND
Isoborneol	0.032	0.371	ND	ND
Menthol	0.114	0.371	ND	ND
Geranyl Acetate	0.089	1.855	ND	ND
α-Cedrene	0.067	0.371	ND	ND
Cedrol	0.063	0.371	ND	ND
<b>Total</b>			<b>6.899</b>	<b>68.995</b>


Date Tested: 11/20/2023

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### Primary Aromas

 Citrusy	 Clove	 Musky	 Hops	 Chamomile
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Laboratory Supervisor | 11/21/2023



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### Pesticides

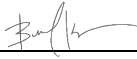
Method: EL-PESTMYCOLCMS

Analytes	LOD	LOQ	Limit	Result	Status	Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.005	0.02	0.10	ND	Pass	Fludioxonil	0.01	0.05	0.10	ND	Pass
Acephate	0.002	0.01	0.10	ND	Pass	Hexythiazox	0.005	0.02	0.10	ND	Pass
Acequinocyl	0.01	0.02	0.10	ND	Pass	Imazalil	0.05	0.1	0.05	ND	Pass
Acetamiprid	0.005	0.02	0.10	ND	Pass	Imidacloprid	0.005	0.02	5.00	ND	Pass
Aldicarb	0.05	0.1	0.05	ND	Pass	Kresoxim Methyl	0.005	0.02	0.10	ND	Pass
Azoxystrobin	0.005	0.02	0.10	ND	Pass	Malathion	0.02	0.05	0.50	ND	Pass
Bifenazate	0.005	0.01	0.10	ND	Pass	Metalaxyl	0.002	0.005	2.00	ND	Pass
Bifenthrin	0.02	0.05	3.00	ND	Pass	Methiocarb	0.05	0.1	0.05	ND	Pass
Boscalid	0.02	0.05	0.10	ND	Pass	Methomyl	0.01	0.02	1.00	ND	Pass
Captan	0.2	0.3	0.70	ND	Pass	Parathion Methyl	0.02	0.05	0.02	ND	Pass
Carbaryl	0.02	0.05	0.50	ND	Pass	Mevinphos	0.02	0.05	0.02	ND	Pass
Carbofuran	0.05	0.1	0.05	ND	Pass	Myclobutanil	0.005	0.01	0.10	ND	Pass
Chlorantraniliprole	0.002	0.01	10.00	ND	Pass	Naled	0.01	0.02	0.10	ND	Pass
Chlordane	0.05	0.1	0.05	ND	Pass	Oxamyl	0.005	0.01	0.50	ND	Pass
Chlorfenapyr	0.05	0.1	0.05	ND	Pass	Paclobutrazol	0.05	0.1	0.05	ND	Pass
Chlorpyrifos	0.05	0.1	0.05	ND	Pass	PCNB	0.02	0.05	0.10	ND	Pass
Clofentezine	0.01	0.02	0.10	ND	Pass	Permethrin	0.02	0.05	0.50	ND	Pass
Coumaphos	0.02	0.05	0.02	ND	Pass	Phosmet	0.01	0.02	0.10	ND	Pass
Cyfluthrin	0.05	0.1	2.00	ND	Pass	Piperonyl Butoxide	0.02	0.05	3.00	ND	Pass
Cypermethrin	0.1	0.2	1.00	ND	Pass	Prallethrin	0.005	0.02	0.10	ND	Pass
Daminozide	0.02	0.05	0.02	ND	Pass	Propiconazole	0.005	0.01	0.10	ND	Pass
Diazinon	0.002	0.01	0.10	ND	Pass	Propoxure	0.05	0.1	0.05	ND	Pass
Dichlorvos	0.02	0.05	0.02	ND	Pass	Pyrethrins	0.02	0.05	0.50	ND	Pass
Dimethoate	0.02	0.05	0.02	ND	Pass	Pyridaben	0.005	0.01	0.10	ND	Pass
Dimethomorph	0.005	0.02	2.00	ND	Pass	Spinetoram	0.005	0.01	0.10	ND	Pass
Ethoprophos	0.05	0.1	0.05	ND	Pass	Spinosad	0.005	0.01	0.10	ND	Pass
Etofenprox	0.05	0.1	0.05	ND	Pass	Spiromesifen	0.01	0.02	0.10	ND	Pass
Etoazole	0.005	0.02	0.10	ND	Pass	Spirotetramat	0.005	0.01	0.10	ND	Pass
Fenhexamid	0.005	0.02	0.10	ND	Pass	Spiroxamine	0.05	0.1	0.05	ND	Pass
Fenoxycarb	0.05	0.1	0.05	ND	Pass	Tebuconazole	0.005	0.01	0.10	ND	Pass
Fenpyroximate	0.005	0.02	0.10	ND	Pass	Thiacloprid	0.02	0.05	0.02	ND	Pass
Fipronil	0.05	0.1	0.05	ND	Pass	Thiamethoxam	0.005	0.01	5.00	ND	Pass
Flonicamid	0.01	0.02	0.10	ND	Pass	Trifloxystrobin	0.005	0.01	0.10	ND	Pass

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### Mycotoxins

Method: EL-PESTMYCOLCMS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
Aflatoxin B1	1.00	2.00		ND	Tested
Aflatoxin B2	1.00	2.00		ND	Tested
Aflatoxin G1	2.00	4.00		ND	Tested
Aflatoxin G2	1.00	2.00		ND	Tested
Ochratoxin A	4.00	10.00	20.00	ND	Pass
Total Aflatoxins			20.00	ND	Pass

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### Residual Solvents

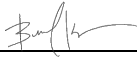
Method: EL-RES\_SOLVENTS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Acetone	33.00	100.00	5000	ND	Pass
Acetonitrile	10.00	30.00	410	ND	Pass
Benzene	0.09	0.28	1	ND	Pass
Butane	10.00	30.00	5000	285.99	Pass
Chloroform	0.10	0.29	1	ND	Pass
Ethanol	10.00	30.00	5000	<LOQ	Pass
Ethyl-Acetate	10.00	30.00	5000	ND	Pass
Ethyl-Ether	10.00	30.00	5000	ND	Pass
Ethylene Oxide	0.08	0.24	1	ND	Pass
Heptane	10.00	30.00	5000	ND	Pass
n-Hexane	10.00	30.00	290	ND	Pass
Isopropanol	10.00	30.00	5000	ND	Pass
Methanol	10.00	30.00	3000	ND	Pass
Methylene-Chloride	0.10	0.31	1	ND	Pass
1,2-Dichloro-Ethane	0.10	0.29	1	ND	Pass
Pentane	10.00	30.00	5000	ND	Pass
Propane	10.00	30.00	5000	ND	Pass
Toluene	10.00	30.00	890	ND	Pass
Xylenes	20.00	60.00	2170	ND	Pass
Trichloroethene	0.10	0.29	1	ND	Pass

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**Microbial Impurities**

Method: SOP EL-MICROBIALS

Analytes	Result	Status
Aspergillus flavus	Not Detected in 1g	Pass
Aspergillus fumigatus	Not Detected in 1g	Pass
Aspergillus niger	Not Detected in 1g	Pass
Aspergillus terreus	Not Detected in 1g	Pass
Shiga toxin-producing Escherichia coli	Not Detected in 1g	Pass
Salmonella spp	Not Detected in 1g	Pass

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**Heavy Metals**

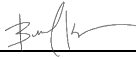
Method: SOP EL-HEAVYMETALS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.012	0.036	0.200	ND	Pass
Cadmium	0.015	0.044	0.200	ND	Pass
Lead	0.055	0.167	0.500	ND	Pass
Mercury	0.005	0.015	0.100	ND	Pass

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