Sc labs^m

Regulatory Compliance Testing CERTIFICATE OF ANALYSIS

DATE ISSUED 01/25/2021 | OVERALL BATCH RESULT: OPASS

SAMPLE NAME: Motor Banana OG Live Rosin

Concentrate, Product Inhalable

CULTIVATOR / MANUFACTURER

Business Name: Royal Key, LLC License Number: CDPH-10002468 Address: 4701 W END RD

ARCATA, CA 95521-9241

SAMPLE DETAIL

Batch Number: 011321MBB-ROS Sample ID: 210121L005

Source Metrc UID: 1A40603000061B5000003319

DISTRIBUTOR

Business Name: ROYAL KEY, LLC License Number: C12-0000170-LIC Address: 4701 West End RD ARCATA, CA 95521

Date Collected: 01/21/2021 Date Received: 01/22/2021 Batch Size: 1272.0 units Sample Size: 13.0 units Unit Mass: 1 grams per Unit Serving Size:

Sampling Method: QSP 1265 - Sampling of Cannabis and Product Batches

CANNABINOID ANALYSIS - SUMMARY OPASS

Sum of Cannabinoids: 85.227% Total Cannabinoids: 74.924% Total THC: 70.759% Total CBD: 0.19%
$$\begin{split} & \text{Sum of Cannabinoids} = \Delta9\text{THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \\ & \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta8\text{THC} + \text{CBL} + \text{CBN} \\ & \text{Total Cannabinoids} = (\Delta9\text{THC} + 0.877*\text{THCa}) + (\text{CBD} + 0.877*\text{CBDa}) + \\ & (\text{CBG} + 0.877*\text{CBGa}) + (\text{THCV} + 0.877*\text{THCVa}) + (\text{CBC} + 0.877*\text{CBCa}) + \\ & (\text{CBDV} + 0.877*\text{CBDVa}) + \Delta8\text{THC} + \text{CBL} + \text{CBN} \\ & \text{Total THC/CBD} \text{ is calculated using the following formulas to take into} \\ & \text{account the loss of a carboxyl group during the decarboxylation step:} \\ & \text{Total THC} + \text{CBD} + (\text{CBD} + (\text{CBD} + 0.877)) \\ & \text{Total CBD} = \text{CBD} + (\text{CBDa} (0.877)) \end{split}$$

Moisture: NT Density: NT Viscosity: NT

Scan QR code to verify authenticity of results.

SAFETY ANALYSIS - SUMMARY

∆9THC per Unit: ⊘PASS

Foreign Material: **OPASS**

Residual Solvents: OPASS

Pesticides: **PASS**

Mycotoxins: **PASS**

Heavy Metals: **PASS**

Microbial Impurities: OPASS

These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 16 Effect Date January 16, 2019. Authority: Section 26013, Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code. Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications. References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

ame tachouse LQC verified by: Carmen Stackhouse Date: 01/25/2021 Approved by: Josh Wurzer, President Date: 01/25/2021

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MOTOR BANANA OG LIVE ROSIN | DATE ISSUED 01/25/2021 | OVERALL BATCH RESULT: 🔗 PASS

CANNABINOID TEST RESULTS - 01/23/2021 OPASS

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD). Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL CANNABINOIDS: 74.924% Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) +

(Total CBDV) + Δ8THC + CBL + CBN TOTAL THC: 70.759%

Total THC (Δ9THC+0.877*THCa)

TOTAL CBD: 0.19% Total CBD (CBD+0.877*CBDa)

TOTAL CBG: 2.85% Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 0.388% Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.737% Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: ND Total CBDV (CBDV+0.877*CBDVa)

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
THCa	0.05/0.14	±20.380	792.99	79.299
CBGa	0.1/0.2	±1.55	29.7	2.97
Δ9THC	0.06/0.26	±0.418	12.14	1.214
CBCa	0.07/0.28	±0.411	8.40	0.840
THCVa	0.07/0.20	±0.211	4.42	0.442
CBG	0.06/0.19	±0.097	2.45	0.245
CBDa	0.02/0.19	±0.063	2.17	0.217
Δ8THC	0.1/0.4	N/A	ND	ND
THCV	0.1/0.2	N/A	ND	ND
CBD	0.07/0.29	N/A	ND	ND
CBDV	0.04 / 0.15	N/A	ND	ND
CBDVa	0.03 / 0.53	N/A	ND	ND
CBL	0.06/0.24	N/A	ND	ND
CBN	0.1/0.3	N/A	ND	ND
CBC	0.2/0.5	N/A	ND	ND
SUM OF CAN	INABINOIDS		852.27 mg/g	85.227%

UNIT MASS: 1 grams per Unit

Δ9THC per Unit	1120 per-package limit	12.14 mg/unit P	ASS
Total THC per Unit		707.59 mg/unit	
CBD per Unit		ND	
Total CBD per Unit		1.90 mg/unit	
Sum of Cannabinoids per Unit		852.27 mg/unit	
Total Cannabinoids per Unit		749.24 mg/unit	
MOISTURE TEST RESU	ILT DENSITY TEST RESU	ILT VISCOSITY TEST RES	ULT

Not Tested

Not Tested

Not Tested

CATEGORY 1 PESTICIDE TEST RESULTS - 01/23/2021 OPASS

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS). *GC-MS utilized where indicated. Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Aldicarb	0.03/0.08	≥ LOD	N/A	ND	PASS
Carbofuran	0.02 / 0.05	≥ LOD	N/A	ND	PASS
Chlordane*	0.03/0.08	≥ LOD	N/A	ND	PASS
Chlorfenapyr*	0.03/0.10	≥ LOD	N/A	ND	PASS
Chlorpyrifos	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Coumaphos	0.02/0.07	≥ LOD	N/A	ND	PASS
Daminozide	0.02/0.07	≥ LOD	N/A	ND	PASS
DDVP (Dichlorvos)	0.03/0.09	≥ LOD	N/A	ND	PASS
Dimethoate	0.03/0.08	≥ LOD	N/A	ND	PASS
Ethoprop(hos)	0.03/0.10	≥ LOD	N/A	ND	PASS
Etofenprox	0.02/0.06	≥ LOD	N/A	ND	PASS
Fenoxycarb	0.03/0.08	≥ LOD	N/A	ND	PASS
Fipronil	0.03/0.08	≥ LOD	N/A	ND	PASS
Imazalil	0.02/0.06	≥ LOD	N/A	ND	PASS
Methiocarb	0.02/0.07	≥ LOD	N/A	ND	PASS
Methyl parathion	0.03/0.10	≥ LOD	N/A	ND	PASS
Mevinphos	0.03/0.09	≥ LOD	N/A	ND	PASS
Paclobutrazol	0.02/0.05	≥ LOD	N/A	ND	PASS
Propoxur	0.03/0.09	≥ LOD	N/A	ND	PASS
Spiroxamine	0.03/0.08	≥ LOD	N/A	ND	PASS
Thiacloprid	0.03/0.10	≥LOD	N/A	ND	PASS

CATEGORY 2 PESTICIDE TEST RESULTS - 01/23/2021 OPASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Abamectin	0.03/0.10	0.1	N/A	ND	PASS
Acephate	0.02/0.07	0.1	N/A	ND	PASS
Acequinocyl	0.02/0.07	0.1	N/A	ND	PASS
Acetamiprid	0.02/0.05	0.1	N/A	ND	PASS
Azoxystrobin	0.02/0.07	0.1	N/A	ND	PASS
Bifenazate	0.01/0.04	0.1	N/A	ND	PASS
Bifenthrin	0.02/0.05	3	N/A	ND	PASS
Boscalid	0.03/0.09	0.1	N/A	ND	PASS

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CATEGORY 2 PESTICIDE TEST RESULTS - 01/23/2021 continued

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Captan	0.19/0.57	0.7	N/A	ND	PASS
Carbaryl	0.02/0.06	0.5	N/A	ND	PASS
Chlorantranilip- role	0.04/0.12	10	N/A	ND	PASS
Clofentezine	0.03/0.09	0.1	N/A	ND	PASS
Cyfluthrin	0.12/0.38	2	N/A	ND	PASS
Cypermethrin	0.11/0.32	1	N/A	ND	PASS
Diazinon	0.02/0.05	0.1	N/A	ND	PASS
Dimethomorph	0.03/0.09	2	N/A	ND	PASS
Etoxazole	0.02/0.06	0.1	N/A	ND	PASS
Fenhexamid	0.03/0.09	0.1	N/A	ND	PASS
Fenpyroximate	0.02 / 0.06	0.1	N/A	ND	PASS
Flonicamid	0.03/0.10	0.1	N/A	ND	PASS
Fludioxonil	0.03/0.10	0.1	N/A	ND	PASS
Hexythiazox	0.02/0.07	0.1	N/A	ND	PASS
Imidacloprid	0.04/0.11	5	N/A	ND	PASS
Kresoxim-methyl	0.02/0.07	0.1	N/A	ND	PASS
Malathion	0.03/0.09	0.5	N/A	ND	PASS
Metalaxyl	0.02/0.07	2	N/A	ND	PASS
Methomyl	0.03/0.10	1	N/A	ND	PASS
Myclobutanil	0.03/0.09	0.1	N/A	ND	PASS
Naled	0.02/0.07	0.1	N/A	ND	PASS
Oxamyl	0.04/0.11	0.5	N/A	ND	PASS
Pentachloronitro- benzene*	0.03/0.09	0.1	N/A	ND	PASS
Permethrin	0.04 / 0.12	0.5	N/A	ND	PASS
Phosmet	0.03/0.10	0.1	N/A	ND	PASS
Piperonylbu- toxide	0.02/0.07	3	N/A	ND	PASS
Prallethrin	0.03 / 0.08	0.1	N/A	ND	PASS
Propiconazole	0.02/0.07	0.1	N/A	ND	PASS
Pyrethrins	0.04/0.12	0.5	N/A	ND	PASS
Pyridaben	0.02/0.07	0.1	N/A	ND	PASS
Spinetoram	0.02/0.07	0.1	N/A	ND	PASS
Spinosad	0.02/0.07	0.1	N/A	ND	PASS
Spiromesifen	0.02/0.05	0.1	N/A	ND	PASS
Spirotetramat	0.02/0.06	0.1	N/A	ND	PASS
Tebuconazole	0.02/0.07	0.1	N/A	ND	PASS
Thiamethoxam	0.03/0.10	5	N/A	ND	PASS
Trifloxystrobin	0.03/0.08	0.1	N/A	ND	PASS

MYCOTOXIN TEST RESULTS - 01/23/2021 OPASS

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS). **Method:** QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

COMPOUND	LOD/LOQ (µg/kg)	ACTION LIMIT (µg/kg)	MEASUREMENT UNCERTAINTY (µg/kg)	RESULT (µg/kg)	RESULT
Aflatoxin B1	2.0/6.0		N/A	ND	
Aflatoxin B2	1.8/5.6		N/A	ND	
Aflatoxin G1	1.0/3.1		N/A	ND	
Aflatoxin G2	1.2 / 3.5		N/A	ND	
Total Aflatoxin		20		ND	PASS
Ochratoxin A	6.3 / 19.2	20	N/A	ND	PASS

CATEGORY 1 RESIDUAL SOLVENTS TEST RESULTS - 01/23/2021 OPASS

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS). **Method:** QSP 1204 - Analysis of Residual Solvents by GC-MS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
1,2-Dichloroethane	0.05 / 0.1	1	N/A	ND	PASS
Benzene	0.03/0.09	1	N/A	ND	PASS
Chloroform	0.1/0.2	1	N/A	ND	PASS
Ethylene Oxide	0.3/0.8	1	N/A	ND	PASS
Methylene chloride	0.3/0.9	1	N/A	ND	PASS
Trichloroethylene	0.1/0.3	1	N/A	ND	PASS

CATEGORY 2 RESIDUAL SOLVENTS TEST RESULTS - 01/23/2021 OPASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Acetone	20/50	5000	N/A	<loq< th=""><th>PASS</th></loq<>	PASS
Acetonitrile	2/7	410	N/A	ND	PASS
Butane	10/50	5000	N/A	ND	PASS
Ethanol	20/50	5000	N/A	ND	PASS
Ethyl acetate	20/60	5000	N/A	ND	PASS
Ethyl ether	20/50	5000	N/A	ND	PASS
Heptane	20/60	5000	N/A	ND	PASS
Hexane	2/5	290	N/A	ND	PASS
lsopropyl Alcohol	10/40	5000	±3.7	127	PASS
Methanol	50/200	3000	N/A	ND	PASS
Pentane	20/50	5000	N/A	ND	PASS
Propane	10/20	5000	N/A	ND	PASS
Toluene	7/21	890	N/A	ND	PASS
Total Xylenes	50/160	2170	N/A	ND	PASS





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HEAVY METALS TEST RESULTS - 01/22/2021 **O PASS**

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS). **Method:** QSP 1160 - Analysis of Heavy Metals by ICP-MS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Cadmium	0.02/0.05	0.2	N/A	ND	PASS
Lead	0.04 / 0.1	0.5	N/A	ND	PASS
Arsenic	0.02/0.1	0.2	N/A	ND	PASS
Mercury	0.002/0.01	0.1	N/A	ND	PASS

MICROBIAL IMPURITIES TEST RESULTS - 01/23/2021 OPASS

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbial impurities. **Method:** QSP 1221 - Analysis of Microbial Impurities

COMPOUND	ACTION LIMIT	RESULT	RESULT	
Shiga toxin-producing Escherichia coli	Detect	ND	PASS	
Salmonella spp.	Detect	ND	PASS	
Aspergillus fumigatus	Detect	ND	PASS	
Aspergillus flavus	Detect	ND	PASS	
Aspergillus niger	Detect	ND	PASS	
Aspergillus terreus	Detect	ND	PASS	

FOREIGN MATERIAL TEST RESULTS - 01/22/2021 OPASS

Visual analysis includes, but is not limited to, sand, soil, cinders, dirt, mold, hair, insect fragments, and mammalian excreta. **Method:** QSP 1226 - Analysis of Foreign Material in Cannabis and Cannabis Products

COMPOUND	ACTION LIMIT	RESULT
Total Sample Area Covered by Sand, Soil, Cinders, or Dirt	>25%	PASS
Total Sample Area Covered by Mold	>25%	PASS
Total Sample Area Covered by an Imbedded Foreign Material	>25%	PASS
Insect Fragment Count	> 1 per 3 grams	PASS
Hair Count	> 1 per 3 grams	PASS
Mammalian Excreta Count	> 1 per 3 grams	PASS