

(833) 777-3522 http://www.confidentcannabis.com Lic#C8-0000122-LIC

R&D Report - Informational Use Only Certificate of Analysis

King Louis XIII

LIMS ID: 2310HKH0822.2222 Strain: King Louis XIII

Matrix: Concentrates & Extracts Type: Live Resin Sample Size: 1 units Batch #:

Collected: 10/25/2023 Received: 10/25/2023 Reported: 10/27/2023 Batch Size: Source Package ID:

Distributor **High Mellow** 12820 S Figueroa St Los Angeles, CA 90061 Producer Producer Lic. # Producer



Summary		
Test	Date Tested	Result
Batch		Pass
Cannabinoids	10/26/2023	Complete
Terpenes	10/25/2023	Complete
Residual Solvents	10/26/2023	Pass
Microbials	10/26/2023	Pass
Mycotoxins	10/25/2023	Pass
Pesticides	10/25/2023	Pass
Heavy Metals	10/26/2023	Pass
Foreign Matter	10/26/2023	Pass

Cannabinoids Complete

ND

ND

Total THC

84.208%

842.083 mg/g

Total CBD

84.494%

844.943 mg/g

Total Cannabinoids

Analyte	LOD	LOQ	Result	Result	
	mg/g	mg/g	mg/g	%	
CBC	0.00002	0.050	ND	ND	
CBD	0.00004	0.050	822.000	82.2000	
CBDa	0.00004	0.050	22.900	2.2900	
CBDV	0.00023	0.050	2.860	0.2860	
CBG	0.00009	0.050	ND	ND	
CBGa	0.00007	0.050	ND	ND	
CBN	0.00002	0.050	ND	ND	
Δ8-ΤΗС	0.00023	0.050	ND	ND	
Δ9-ΤΗС	0.00015	0.050	ND	ND	
THCa	0.00003	0.050	ND	ND	
THCV	0.00014	0.050	ND	ND	
Total THC			ND	ND	
Total CBD			842.083	84.208	
Total			844.943	84.494	

Testing performed on Agilent HPLC-DAD according to Cannabinoids SOP Total THC = (THC AX 0.877) + THC Total CBD = (CBD AX 0.877) + CBD The reported result is based on a sample weight with the applicable moisture content for that sample.

NT Not Tested

Moisture Content

NT

Not Tested

Water Activity

Pass

Foreign Matter

Test performed by a magnifying lens according to Foreign Materials Evaluation in Cannabis SOP $\,$





Jason Cooley, Ph.D Chief Scientific Officer

10/27/2023

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This product has been tested by SQRD Labs using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 4 CCR 15730, pursuant to 4 CCR section 15726(e)(13). Decision rule: Values reported relate only to the product tested. SQRD Labs makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of SQRD Labs. References: ND = Not Detected, LOQ = Limit of Quantitation, LOD = Limit of Detection.



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Microbials			Pass
Analyte	Limit	Results	Status
Aspergillus flavus	Not Detected	Not Detected	Pass
Aspergillus fumigatus	Not Detected	Not Detected	Pass
Aspergillus niger	Not Detected	Not Detected	Pass
Aspergillus terreus	Not Detected	Not Detected	Pass
E. Coli	Not Detected	Not Detected	Pass
Salmonella SPP	Not Detected	Not Detected	Pass



Testing performed on Biomerieux Gene-Up according to Microbial Impurities Testing SOP ND = Not Detected; NT = Not Tested; LOQ = Limit of Quantitation; LOD = Limit of Detection





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Mycotoxins					Pass
Analyte	LOD	LOQ	Limit	Results	Status
	μg/kg	µg/kg	μg/kg	μg/kg	
Aflatoxin B1	1.668	3.125	N/A	ND	Pass
Aflatoxin B2	2.805	3.125	N/A	ND	Pass
Aflatoxin G1	1.519	3.125	N/A	ND	Pass
Aflatoxin G2	2.899	3.125	N/A	ND	Pass
Total Aflatoxins	3.869	12.500	20.000	ND	Pass
Ochratoxin A	6.110	6.250	20.000	ND	Pass



Testing performed on Agilent LCTQ according to Pesticides & Mycotoxins SOP ND = Not Detected; NT = Not Tested; LOQ = Limit of Quantitation; LOD = Limit of Detection





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Heavy Metals					Pass
Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	μg/g	µg/g	μg/g	
Arsenic	0.0054	0.050	0.2	ND	Pass
Cadmium	0.0038	0.050	0.2	ND	Pass
Lead	0.00087	0.125	0.5	ND	Pass
Mercury	0.0021	0.025	0.1	ND	Pass



 $\label{eq:total_condition} Test performed on ICP-MS according to HM-Heavy Metals SOP \\ ND = Not \, Detected; NT = Not \, Tested; LOQ = Limit \, of \, Quantitation; LOD = Limit \, of \, Detection \\ Tested = Condition \\ Teste$





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Pesticides Pass

Analyte	LOD	LOQ	Limit	Results	Status	Analyte	LOD	LOQ	Limit	Results	Status
Section (Section)	µg/g	µg/g	µg/g	μg/g	THEN	5724 AS 6000	µg/g	µg/g	µg/g	µg/g	1.7911
Abamectin	0.021	0.0313	0.100	ND	Pass	Fludioxonil	0.011	0.0313	0.100	ND	Pass
Acephate	0.011	0.0313	0.100	ND	Pass	Hexythiazox	0.009	0.0313	0.100	ND	Pass
Acequinocyl	0.005	0.0313	0.100	ND	Pass	lmazalil	0.017	0.0313	LOD	ND	Pass
Acetamiprid	0.009	0.0313	0.100	ND	Pass	Imidacloprid	0.009	0.0313	5.000	ND	Pass
Aldicarb	0.011	0.0313	LOD	ND	Pass	Kresoxim Methyl	0.020	0.0313	0.100	ND	Pass
Azoxystrobin	0.009	0.0313	0.100	ND	Pass	Malathion	0.016	0.0313	0.500	ND	Pass
Bifenazate	0.009	0.0313	0.100	ND	Pass	Metalaxyl	0.009	0.0313	2.000	ND	Pass
Bifenthrin	0.004	0.0313	3.000	ND	Pass	Methiocarb	0.006	0.0313	LOD	ND	Pass
Boscalid	0.013	0.0313	0.100	ND	Pass	Methomyl	0.010	0.0313	1.000	ND	Pass
Captan	0.022	0.0313	0.700	ND	Pass	Mevinphos	0.012	0.0313	LOD	ND	Pass
Carbaryl	0.009	0.0313	0.500	ND	Pass	Myclobutanil	0.010	0.0313	0.100	ND	Pass
Carbofuran	0.010	0.0313	LOD	ND	Pass	Naled	0.013	0.0313	0.100	ND	Pass
Chlorantraniliprole	0.010	0.0313	10.000	ND	Pass	Oxamyl	0.008	0.0313	0.500	ND	Pass
Chlordane	0.013	0.0313	LOD	ND	Pass	Paclobutrazol	0.012	0.0313	LOD	ND	Pass
Chlorfenapyr	0.003	0.0063	LOD	ND	Pass	Parathion Methyl	0.004	0.0063	0.004	ND	Pass
Chlorpyrifos	0.009	0.0313	LOD	ND	Pass	Pentachloronitrobenzene	0.006	0.0313	0.100	ND	Pass
Clofentezine	0.006	0.0313	0.100	ND	Pass	Permethrin	0.015	0.0313	0.500	ND	Pass
Coumaphos	0.008	0.0313	LOD	ND	Pass	Phosmet	0.014	0.0313	0.100	ND	Pass
Cyfluthrin	0.024	0.0313	2.000	ND	Pass	Piperonyl Butoxide	0.007	0.0313	3.000	ND	Pass
Cypermethrin	0.014	0.0313	1.000	ND	Pass	Prallethrin	0.025	0.0313	0.100	ND	Pass
Daminozide	0.010	0.0313	LOD	ND	Pass	Propiconazole	0.009	0.0313	0.100	ND	Pass
Diazinon	0.004	0.0313	0.100	ND	Pass	Propoxur	0.007	0.0313	LOD	ND	Pass
Dichlorvos	0.016	0.0313	LOD	ND	Pass	Pyrethrins	0.010	0.0313	0.500	ND	Pass
Dimethoate	0.007	0.0313	LOD	ND	Pass	Pyridaben	0.006	0.0313	0.100	ND	Pass
Dimethomorph	0.006	0.0313	2.000	ND	Pass	Spinetoram	0.018	0.0313	0.100	ND	Pass
Ethoprophos	0.005	0.0313	LOD	ND	Pass	Spinosad	0.008	0.0313	0.100	ND	Pass
Etofenprox	0.005	0.0313	LOD	ND	Pass	Spiromesifen	0.010	0.0313	0.100	ND	Pass
Etoxazole	0.008	0.0313	0.100	ND	Pass	Spirotetramat	0.004	0.0313	0.100	ND	Pass
Fenhexamid	0.013	0.0313	0.100	ND	Pass	Spiroxamine	0.008	0.0313	LOD	ND	Pass
Fenoxycarb	0.008	0.0313	LOD	ND	Pass	Tebuconazole	0.012	0.0313	0.100	ND	Pass
Fenpyroximate	0.010	0.0313	0.100	ND	Pass	Thiacloprid	0.006	0.0313	LOD	ND	Pass
Fipronil	0.026	0.0313	LOD	ND	Pass	Thiamethoxam	0.008	0.0313	5.000	ND	Pass
Flonicamid	0.009	0.0313	0.100	ND	Pass	Trifloxystrobin	0.008	0.0313	0.100	ND	Pass

 $\label{eq:total_condition} Testing performed on Agilent LCTQ \& GCTQ \ according to Pesticides \& Mycotoxins SOP \ ND = Not \, Detected; \ NT = Not \, Tested; \ LOQ = Limit \, of \, Quantitation; \ LOD = Limit \, of \, Detection$





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Residual Solvents					Pass
Analyte	LOD	LOQ	Limit	Results	Status
	μg/g	µg/g	µg/g	μg/g	
1,2-Dichloro-Ethane	0.049	0.3	1	ND	Pass
Acetone	0.173	0.3	5000	58.52	Pass
Acetonitrile	0.203	0.3	410	ND	Pass
Benzene	0.041	0.3	1	ND	Pass
Butane	0.159	0.8	5000	3.28	Pass
Chloroform	0.059	0.3	1	ND	Pass
Ethanol	0.217	0.3	5000	9.59	Pass
Ethyl-Acetate	0.083	0.3	5000	0.38	Pass
Ethyl-Ether	0.122	0.3	5000	ND	Pass
Ethylene Oxide	0.195	0.3	1	ND	Pass
Heptane	0.046	0.3	5000	109.82	Pass
Isopropanol	0.176	0.3	5000	8.80	Pass
Methanol	0.21	50	3000	<loq< td=""><td>Pass</td></loq<>	Pass
Methylene-Chloride	0.125	0.3	1	ND	Pass
n-Hexane	0.059	0.3	290	1.39	Pass
Pentane	0.085	0.3	5000	6.59	Pass
Propane	0.196	0.8	5000	<loq< td=""><td>Pass</td></loq<>	Pass
Toluene	0.038	0.3	890	6.22	Pass
Trichloroethene	0.048	0.3	1	ND	Pass
Xylenes	0.213	0.9	2170	ND	Pass

Testing performed on Agilent HS/GC/MSD according to Residual solvents SOP ND = Not Detected; NT = Not Tested; LOQ = Limit of Quantitation; LOD = Limit of Detection





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Terpenes

Analyte	LOD	LOQ	Results	Results	Analyte	LOD	LOQ	Results	Results
7	mg/g	mg/g	mg/g	%	\$ 5	mg/g	mg/g	mg/g	%
β-Pinene	0.13	0.39	17.96	1.796	Eucalyptol	0.26	0.78	ND	ND
β-Myrcene	0.13	0.39	7.04	0.704	Fenchone	0.13	0.39	ND	ND
β-Caryophyllene	0.13	0.39	3.32	0.332	y-Terpinene	0.13	0.39	ND	ND
α-Pinene	0.13	0.39	2.55	0.255	Geraniol	0.13	0.39	ND	ND
δ-Limonene	0.13	0.39	2.38	0.238	Geranyl Acetate	0.13	0.39	ND	ND
Terpinolene	0.13	0.39	1.75	0.175	Guaiol	0.13	0.39	ND	ND
β-Farnesene	0.13	0.39	1.74	0.174	Isoborneol	0.13	0.39	ND	ND
o-Cymene	0.13	0.39	1.35	0.135	Isobornyl Acetate	0.13	0.39	ND	ND
trans-Ocimene	0.09	0.28	1.35	0.135	Isopulegol	0.13	0.39	ND	ND
α-Humulene	0.13	0.39	1.10	0.110	Linalool	0.13	0.39	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Valencene	0.13	0.39	0.91	0.091	m-Cymene	0.13	0.39	ND	ND
Thymol	0.13	0.39	0.52	0.052	Menthol	0.13	0.39	ND	ND
2-Piperidone	0.13	0.39	ND	ND	Menthone	0.11	0.32	ND	ND
3-Carene	0.13	0.39	<loq< td=""><td><loq< td=""><td>Nerol</td><td>0.13</td><td>0.39</td><td>ND</td><td>ND</td></loq<></td></loq<>	<loq< td=""><td>Nerol</td><td>0.13</td><td>0.39</td><td>ND</td><td>ND</td></loq<>	Nerol	0.13	0.39	ND	ND
α-Bisabolol	0.13	0.39	ND	ND	Nootkatone	0.13	0.39	ND	ND
α-Cedrene	0.13	0.39	ND	ND	Octyl Acetate	0.13	0.39	ND	ND
α-Phellandrene	0.13	0.39	<loq< td=""><td><loq< td=""><td>(+)-Borneol</td><td>0.13</td><td>0.39</td><td>ND</td><td>ND</td></loq<></td></loq<>	<loq< td=""><td>(+)-Borneol</td><td>0.13</td><td>0.39</td><td>ND</td><td>ND</td></loq<>	(+)-Borneol	0.13	0.39	ND	ND
α-Terpinene	0.13	0.39	ND	ND	(-)-Borneol	0.13	0.39	ND	ND
α-Terpineol	0.13	0.39	<loq< td=""><td><loq< td=""><td>(-)-Verbenone</td><td>0.13</td><td>0.39</td><td>ND</td><td>ND</td></loq<></td></loq<>	<loq< td=""><td>(-)-Verbenone</td><td>0.13</td><td>0.39</td><td>ND</td><td>ND</td></loq<>	(-)-Verbenone	0.13	0.39	ND	ND
β-Cedrene	0.13	0.39	ND	ND	Phytane	0.13	0.39	ND	ND
Camphene	0.13	0.39	ND	ND	Piperitone	0.13	0.39	ND	ND
Camphor	0.13	0.39	<loq< td=""><td><loq< td=""><td>(+)-Pulegone</td><td>0.13</td><td>0.39</td><td>ND</td><td>ND</td></loq<></td></loq<>	<loq< td=""><td>(+)-Pulegone</td><td>0.13</td><td>0.39</td><td>ND</td><td>ND</td></loq<>	(+)-Pulegone	0.13	0.39	ND	ND
Carvacrol	0.13	0.39	<loq< td=""><td><loq< td=""><td>p-Cymene</td><td>0.13</td><td>0.39</td><td>ND</td><td>ND</td></loq<></td></loq<>	<loq< td=""><td>p-Cymene</td><td>0.13</td><td>0.39</td><td>ND</td><td>ND</td></loq<>	p-Cymene	0.13	0.39	ND	ND
Caryophyllene Oxide	0.13	0.39	ND	ND	Sabinene	0.13	0.39	ND	ND
Cedrol	0.13	0.39	ND	ND	Sabinene Hydrate	0.13	0.39	ND	ND
cis-Citral	0.05	0.15	ND	ND	Safranal	0.13	0.39	ND	ND
cis-Farnesol	0.07	0.20	ND	ND	Squalene	0.13	0.39	ND	ND
cis-Nerolidol	0.05	0.16	ND	ND	Terpinen-4-ol	0.13	0.39	ND	ND
cis-Ocimene	0.04	0.11	ND	ND	Thujone	0.13	0.39	ND	ND
Citronellol	0.13	0.39	ND	ND	trans-Citral	0.08	0.24	ND	ND
(S)-(+)-Carvone	0.13	0.39	ND	ND	trans-Farnesol	0.07	0.20	ND	ND
D-Isomenthone	0.02	0.07	ND	ND	trans-Nerolidol	0.08	0.23	ND	ND
Endo-Fenchyl Alcohol	0.13	0.39	ND	ND	Total			41.97	4.197

Primary Aromas



Pine



Hops



Cinnamon



Lemon



 $Terpenoids \ Testing \ performed \ on \ Agilent \ GC-FID \ according \ to \ Quantitation \ of \ Terpenes \ SOP \ ND = Not \ Detected; \ NT = Not \ Tested; \ LOQ = Limit \ of \ Quantitation; \ LOD = Limit \ of \ Detection$





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