The KIND Relief, Inc.
1102 N 21st Avenue
Phoenix, AZ, 85009
6028339774
License #: 00000049DCRR00713151
Order #: 76933
Retail Batch #: PR-KNG-020723-13

CERTIFICATE OF ANALYSIS

ISO/IEC: 17025:2017 Accreditation #: 103104
License #: 00000020LCVT89602592

Order Information

Order #: 76933
Order Name: King Louis XIII Prerolls
Retail Batch #: PR-KNG-020723-13
Received: 02/14/2023 14:05:04
Complete: 02/21/2023 15:44:21

Harvest/Lot ID: PR-KNG-020723-13

Seed-to-Sale #:

Batch Information

Create Date: 02/14/2023
Exp. Date: 02/14/2024
Matrix: Enhanced/Infused Preroll
Pickup Weight: 13 g

Dispensary Information

Cultivation Facility: PHX
Processing Facility: PHX
Cultivar(s): PHX

COMPLIANCE FOR RETAIL

Regulated Analytes

CANNABINOID PROFILE (Q3)	MICROBIAL CONTAMINANTS	RESIDUAL SOLVENTS
TESTED	MICROBIAL ANALYSIS: PASS MYCOTOXIN ANALYSIS: PASS	PASS

PESTICIDES, FUNGICIDES, AND GROWTH REGULATORS	HERBICIDES	HEAVY METAL ANALYSIS
PASS	NOT TESTED	PASS

Additional Analytes (Not Regulated)

TERPENES (Q3)	MOISTURE ANALYSIS (Q3)	WATER ACTIVITY (Q3)
NOT TESTED	NOT TESTED	NOT TESTED

FILTH & FOREIGN (Q3)	HOMOGENEITY (Q3)
NOT TESTED	NOT TESTED

37.340 %
Total THC

0.109 %
Total CBD

40.897 %
Total Cannabinoids (Q3)

Ahmed Munshi
Lab Director

Arizona
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Sample Prep

Tech: 3751
SOP: 418.AZ
Batch Number: 58636
Batch Date: 02/18/2023 09:24:46

Sample Analysis

Date/Time: 02/21/2023 11:05:19
Tech: 3751
SOP: 417.AZ
Final Weight: 0.431 g
Volume: 40 ml

CANNABINOID PROFILE

HPLC-DAD **TESTED**

37.340 %
Total THC

0.109 %
Total CBD

40.897 %
Total Cannabinoids (Q3)

Cannabinoid Potency (Certified)

ANALYTE	LOD/LOQ (mg/g)	DIL.	ACTUAL %	MG/G	QUALIFIERS
CBC	0.129/0.3908	5	0.062	0.622	
CBD	0.129/0.3908	5	0.064	0.638	
CBDA	0.129/0.3908	5	0.052	0.521	
CBDV	0.129/0.3908	5	ND	ND	
CBG	0.129/0.3908	5	0.718	7.178	
CBGA	0.129/0.3908	5	0.470	4.699	
CBN	0.129/0.3908	5	0.256	2.557	
d8-THC	0.129/0.3908	5	ND	ND	
d9-THC	0.129/0.3908	5	25.377	253.769	
THCA	0.129/0.3908	5	13.641	136.409	
THCV	0.129/0.3908	5	0.257	2.574	

Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA)
ND = Not Detected, NT = Not Tested, <LOQ = Below Limit of Quantitation

CANNABINOID TOTALS	ACTUAL %	MG/G
Total THC	37.340	373.400
Total CBD	0.109	1.095
Total Cannabinoids (Q3)	40.897	408.967

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MYCOTOXIN ANALYSIS

LC-MS/MS

PASS

Sample Prep

Tech: 3958
SOP: 432.AZ
Batch Number: 58530
Batch Date: 02/14/2023 10:37:47

Sample Analysis

Date/Time: 02/16/2023 10:43:14
Tech: 3997
SOP: 424.AZ
Final Weight: 0.505 g
Volume: 12.5 ml

ANALYTE	LOD/LOQ (ppb)	DIL.	ACTION LEVEL (ppb)	RESULTS (ppb)	QUALIFIER
Aflatoxin B1	4/10	1	0	ND	M2
Aflatoxin B2	4/10	1	0	ND	I1
Aflatoxin G1	4/10	1	0	ND	
Aflatoxin G2	4/5	1	0	ND	M2
Ochratoxin A	10/0	1	20	ND	I1
Total Aflatoxins	4/10	1	20	ND	M2

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Pesticides, Fungicides, and Growth Regulators

LC-MS/MS

PASS

Sample Prep

Tech: 3958
SOP: 432.AZ
Batch Number: 58530
Batch Date: 02/14/2023 10:37:47

Sample Analysis

Date/Time: 02/16/2023 10:43:14
Tech: 3997
SOP: 424.AZ
Final Weight: 0.505 g
Volume: 12.5 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LEVEL(ppm)	RESULTS (ppm)	QUALIFIER	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT(ppm)	RESULTS (ppm)	QUALIFIER
Abamectin	0.083/0.25	1	0.5	ND		Hexythiazox	0.167/0.5	1	1	ND	M2
Acephate	0.067/0.2	1	0.4	ND		Imazalil	0.033/0.1	1	0.2	ND	
Acequinocyl	0.333/1	1	2	ND	L1,M2	Imidacloprid	0.067/0.2	1	0.4	ND	
Acetamiprid	0.033/0.1	1	0.2	ND		Kresoxim-methyl	0.067/0.2	1	0.4	ND	
Aldicarb	0.067/0.2	1	0.4	ND		Malathion	0.033/0.1	1	0.2	ND	
Azoxystrobin	0.033/0.1	1	0.2	ND		Metalaxyl	0.033/0.1	1	0.2	ND	
Bifenazate	0.033/0.1	1	0.2	ND		Methiocarb	0.033/0.1	1	0.2	ND	
Bifenthrin	0.033/0.1	1	0.2	ND	M2	Methomyl	0.067/0.2	1	0.4	ND	
Boscalid	0.067/0.2	1	0.4	ND		Myclobutanil	0.033/0.1	1	0.2	ND	
Carbaryl	0.033/0.1	1	0.2	ND		Naled	0.083/0.25	1	0.5	ND	
Carbofuran	0.033/0.1	1	0.2	ND		Oxamyl	0.167/0.5	1	1	ND	M2
Chlorantraniliprole	0.033/0.1	1	0.2	ND		Paclobutrazol	0.067/0.2	1	0.4	ND	M2
Chlorfenapyr	0.167/0.5	1	1	ND	M2	Permethrins	0.033/0.1	1	0.2	ND	M2
Chlorpyrifos	0.033/0.1	1	0.2	ND	M2,R1	Phosmet	0.033/0.1	1	0.2	ND	
Clofentezine	0.033/0.1	1	0.2	ND	M2	Piperonyl Butoxide	0.333/1	1	2	ND	M2
Cyfluthrin	0.167/0.5	1	1	ND	L1	Prallethrin	0.033/0.1	1	0.2	ND	
Cypermethrin	0.167/0.5	1	1	ND	M2,R1	Propiconazole	0.067/0.2	1	0.4	ND	
Daminozide	0.167/0.5	1	1	ND		Propoxur	0.033/0.1	1	0.2	ND	
Diazinon	0.033/0.1	1	0.2	ND	M2	Pyrethrins	0.033/0.1	1	1	ND	R1
Dichlorvos	0.017/0.05	1	0.1	ND		Pyridaben	0.033/0.1	1	0.2	ND	M2
Dimethoate	0.033/0.1	1	0.2	ND		Spinosad	0.033/0.1	1	0.2	ND	
Ethoprophos	0.033/0.1	1	0.2	ND		Spiromesifen	0.033/0.1	1	0.2	ND	
Etofenprox	0.067/0.2	1	0.4	ND		Spirotetramat	0.033/0.1	1	0.2	ND	
Etoxazole	0.033/0.1	1	0.2	ND		Spiroxamine	0.067/0.2	1	0.4	ND	
Fenoxycarb	0.033/0.1	1	0.2	ND		Tebuconazole	0.067/0.2	1	0.4	ND	
Fenpyroximate	0.067/0.2	1	0.4	ND		Thiacloprid	0.033/0.1	1	0.2	ND	
Fipronil	0.067/0.2	1	0.4	ND		Thiamethoxam	0.033/0.1	1	0.2	ND	
Flonicamid	0.167/0.5	1	1	ND		Trifloxystrobin	0.033/0.1	1	0.2	ND	M2
Fludioxonil	0.067/0.2	1	0.4	ND	M2						

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RESIDUAL SOLVENTS

HS-GC-MS **PASS**

Sample Prep

Tech: 3958
SOP: 405.AZ
Batch Number: 58521
Batch Date: 02/13/2023 15:06:16

Sample Analysis

Date/Time: 02/16/2023 10:10:05
Tech: 3997
SOP: 405.AZ
Final Weight: 0.053 g
Volume: 1 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT(ppm)	RESULTS (ppm)	QUALIFIER	ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT(ppm)	RESULTS (ppm)	QUALIFIER
2-Propanol	833/2500	1	5000	ND		Ethyl ether	833/2500	1	5000	ND	
Acetone	167/500	1	1000	ND		Heptane	833/2500	1	5000	ND	
Acetonitrile	68/205	1	410	ND		Hexanes	48/145	1	290	ND	
Benzene	0.33/1	1	2	ND		Isopropyl acetate	833/2500	1	5000	ND	
Butanes	833/2500	1	5000	ND		Methanol	500/1500	1	3000	ND	
Chloroform	10/30	1	60	ND		Pentanes	833/2500	1	5000	ND	
Dichloromethane	100/300	1	600	ND		Propane	833/2500	1	5000	ND	
Ethanol	833/2500	1	5000	ND		Toluene	148/445	1	890	ND	
Ethyl acetate	833/2500	1	5000	ND		Xylenes	362/1085	1	2170	ND	

HEAVY METAL ANALYSIS

ICP-MS **PASS**

Sample Prep

Tech: 3958
SOP: 428.AZ
Batch Number: 58531
Batch Date: 02/14/2023 10:38:44

Sample Analysis

Date/Time: 02/15/2023 16:54:18
Tech: 3689
SOP: 428.AZ
Final Weight: 0.211 g
Volume: 6 ml

ANALYTE	LOD/LOQ (ppm)	DIL.	ACTION LIMIT (ppm)	RESULTS (ppm)	QUALIFIER
Arsenic	0.02/0.2	10	0.4	ND	
Cadmium	0.02/0.2	10	0.4	ND	
Lead	0.02/0.5	10	1	<LOQ	
Mercury	0.02/0.6	10	1.2	ND	

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MICROBIAL ANALYSIS

PASS

Sample Prep

Tech: 3958
SOP: 431.AZ

Batch Number: 58532
Batch Date: 02/14/2023 10:41:43

Sample Analysis

Date/Time: 02/16/2023 17:06:41
Tech: 3444
SOP: 431.AZ

Final Weight: 1.088 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL	QUALIFIER
E. coli	Tempo	< 100 CFU/g	< 100 CFU/g	PASS	

Sample Prep

Tech: 3958
SOP: 406.AZ

Batch Number: 58533
Batch Date: 02/14/2023 10:42:23

Sample Analysis

Date/Time: 02/17/2023 10:13:34
Tech: 3989
SOP: 406.AZ

Final Weight: 1.023 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL	QUALIFIER
Salmonella	qPCR	Not Detected in One Gram	Not Detected in One Gram	PASS	

Sample Prep

Tech: 3958
SOP: 406.AZ

Batch Number: 58533
Batch Date: 02/14/2023 10:42:23

Sample Analysis

Date/Time: 02/17/2023 17:37:06
Tech: 3444
SOP: 406.AZ

Final Weight: 1.023 g

ANALYTE	TEST METHOD	ALLOWABLE CRITERIA	ACTUAL RESULT	PASS/FAIL	QUALIFIER
Aspergillus flavus	qPCR	Not Detected in One Gram	Not Detected in One Gram	PASS	
Aspergillus fumigatus	qPCR	Not Detected in One Gram	Not Detected in One Gram	PASS	
Aspergillus niger	qPCR	Not Detected in One Gram	Not Detected in One Gram	PASS	
Aspergillus terreus	qPCR	Not Detected in One Gram	Not Detected in One Gram	PASS	

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QUALIFIER LEGEND

ALSO REFERENCED AS "Q"

I1 *The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance with respect to the reference spectra, indicating interference*

L1 *When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits, but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample*

M2 *The recovery from the matrix spike was low, but the recovery from the laboratory control sample was within acceptance criteria*

Q3 *Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317*

R1 *The relative percent difference for the laboratory control sample and duplicate exceeded the limit, but the recovery was within acceptance criteria*

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