

# 25mg Lime

Sample ID: 2010KCA0522.1610

Cultivar: N/A

Matrix: Ingestible

Type: Soft Chew

Sample Size:

Received: 10/19/2020

Completed: 10/26/2020

Batch#: 201002KL

Client

**Koi CBD**

Lic.#

14631 Best Ave.

Norwalk, CA 90650



## Summary

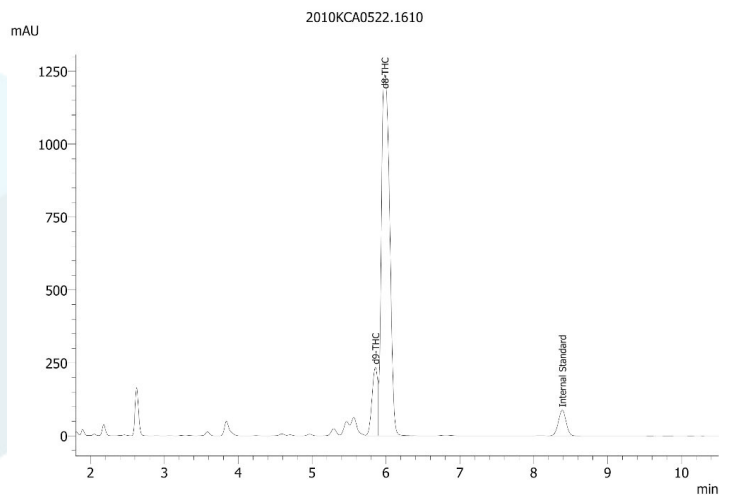
Test	Date Tested	Result
Cannabinoids	10/20/2020	Complete
Terpenes	10/22/2020	Complete
Residual Solvents	10/22/2020	Complete
Microbials	10/23/2020	Complete
Mycotoxins	10/26/2020	Complete
Pesticides	10/26/2020	Complete
Heavy Metals	10/20/2020	Complete
Foreign Matter	10/20/2020	Pass

## Cannabinoids by HPLC-PDA

Complete

<b>0.03118%</b>	<b>ND</b>	<b>0.49652%</b>	<b>NT</b> <small>Not Tested</small>	<b>Pass</b>
Total THC	Total CBD	Total Cannabinoids	Moisture Content	Foreign Matter

Analyte	LOD %	LOQ %	Result %	Result mg/unit
CBC	0.00095	0.00284	ND	ND
CBCA	0.00181	0.00543	ND	ND
CBCV	0.00060	0.00180	ND	ND
CBD	0.00081	0.00242	ND	ND
CBDA	0.00043	0.00130	ND	ND
CBDV	0.00061	0.00182	ND	ND
CBDVA	0.00021	0.00063	ND	ND
CBG	0.00057	0.00172	ND	ND
CBGA	0.00049	0.00147	ND	ND
CBL	0.00112	0.00335	ND	ND
CBLA	0.00124	0.00371	ND	ND
CBN	0.00056	0.00169	ND	ND
CBNA	0.00060	0.00181	ND	ND
Δ8-THC	0.00104	0.00312	0.46534	20.7159
Δ9-THC	0.00076	0.00227	0.03118	1.3881
THCA	0.00084	0.00251	ND	ND
THCV	0.00069	0.00206	ND	ND
THCVa	0.00062	0.00186	ND	ND
<b>Total THC</b>			<b>0.03118</b>	<b>1.3881</b>
<b>Total CBD</b>			<b>ND</b>	<b>ND</b>
<b>Total</b>			<b>0.49652</b>	<b>22.1039</b>



Total THC = THCA \* 0.877 + Δ9-THC

Total CBD = CBDA \* 0.877 + CBD

LOD = Limit of Detection

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ND = None Detected

For plant material, the reported result is based on a sample weight with the applicable moisture content for that sample.



Wes Rogers  
Principal Scientist  
10/26/2020

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### Heavy Metals by ICP-MS

Complete

Analyte	LOD µg/g	LOQ µg/g	Mass µg/g
Arsenic	0.002	0.02	ND
Cadmium	0.001	0.02	ND
Lead	0.002	0.02	ND
Mercury	0.012	0.05	ND

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### Pesticides by LCMS/MS & GCMS/MS

Complete

Analyte	LOD PPM	LOQ PPM	Mass PPM	Analyte	LOD PPM	LOQ PPM	Mass PPM
Abamectin	0.001	0.005	ND	Hexythiazox	0.001	0.005	ND
Acephate	0.001	0.005	ND	Imazalil	0.001	0.005	ND
Acequinocyl	0.001	0.005	ND	Imidacloprid	0.001	0.005	ND
Acetamiprid	0.001	0.005	ND	Kresoxim Methyl	0.001	0.005	ND
Aldicarb	0.001	0.005	ND	Malathion	0.001	0.005	ND
Azoxystrobin	0.001	0.005	ND	Metalaxyl	0.001	0.005	ND
Bifenazate	0.001	0.005	ND	Methiocarb	0.001	0.005	ND
Bifenthrin	0.001	0.005	ND	Methomyl	0.001	0.005	ND
Boscalid	0.001	0.005	ND	Mevinphos	0.001	0.005	ND
Carbaryl	0.001	0.005	ND	Myclobutanil	0.001	0.005	ND
Carbofuran	0.001	0.005	ND	Naled	0.001	0.005	ND
Chlorantraniliprole	0.001	0.005	ND	Oxamyl	0.001	0.005	ND
Chlordane	0.001	0.005	ND	Pacllobutrazol	0.001	0.005	ND
Chlorfenapyr	0.001	0.005	ND	Parathion Methyl	0.001	0.005	ND
Chlorpyrifos	0.001	0.005	ND	Pentachloronitrobenzene	0.001	0.005	ND
Clofentezine	0.001	0.005	ND	Phosmet	0.001	0.005	ND
Coumaphos	0.001	0.005	ND	Piperonyl Butoxide	0.001	0.005	ND
Cyfluthrin	0.001	0.005	ND	Prallethrin	0.001	0.005	ND
Daminozide	0.001	0.005	ND	Propiconazole	0.001	0.005	ND
Diazinon	0.001	0.005	ND	Propoxur	0.001	0.005	ND
Dichlorvos	0.001	0.005	ND	Pyrethrins	0.001	0.005	ND
Dimethoate	0.001	0.005	ND	Pyridaben	0.001	0.005	ND
Dimethomorph	0.001	0.005	ND	Spinetoram	0.001	0.005	ND
Ethoprophos	0.001	0.005	ND	Spinosad	0.001	0.005	ND
Etofenprox	0.001	0.005	ND	Spiromesifen	0.001	0.005	ND
Etoxazole	0.001	0.005	ND	Spirotetramat	0.001	0.005	ND
Fenhexamid	0.001	0.005	ND	Spiroxamine	0.001	0.005	ND
Fenoxycarb	0.001	0.005	ND	Tebuconazole	0.001	0.005	ND
Fenpyroximate	0.001	0.005	ND	Thiacloprid	0.001	0.005	ND
Fipronil	0.001	0.005	ND	Thiamethoxam	0.001	0.005	ND
Flonicamid	0.001	0.005	ND	Trifloxystrobin	0.001	0.005	ND
Fludioxonil	0.001	0.005	ND				

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### Microbials by qPCR

Complete

#### Analyte

#### Result

Aerobic Bacteria

CFU/g

Shiga toxin-producing E. Coli

Not Detected in 1g

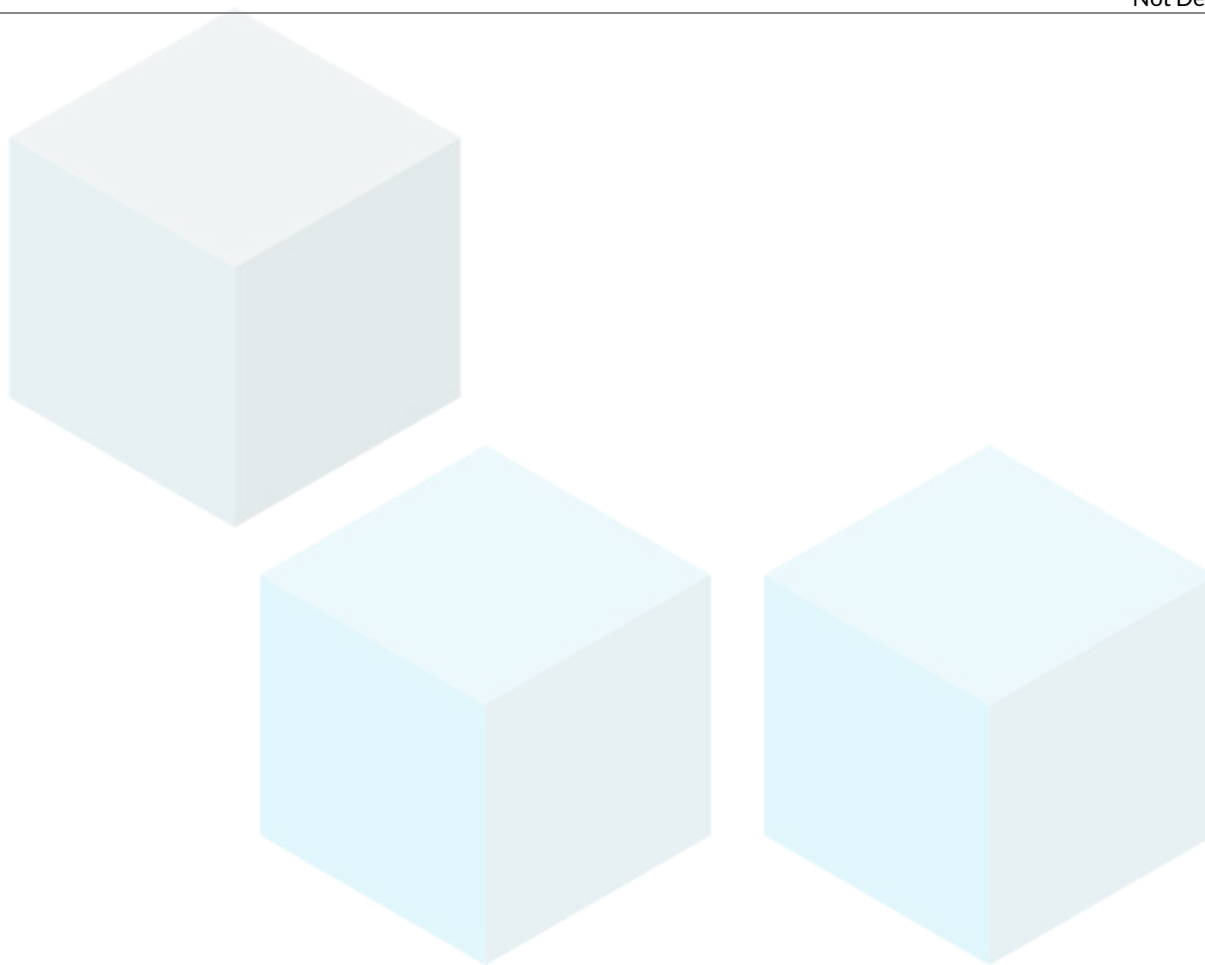
Enterobacteriaceae

Not Detected in 1g

Salmonella

Not Detected in 1g

Not Detected in 1g



Date Tested: 10/23/2020

TNTC = Too Numerous to Count; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.




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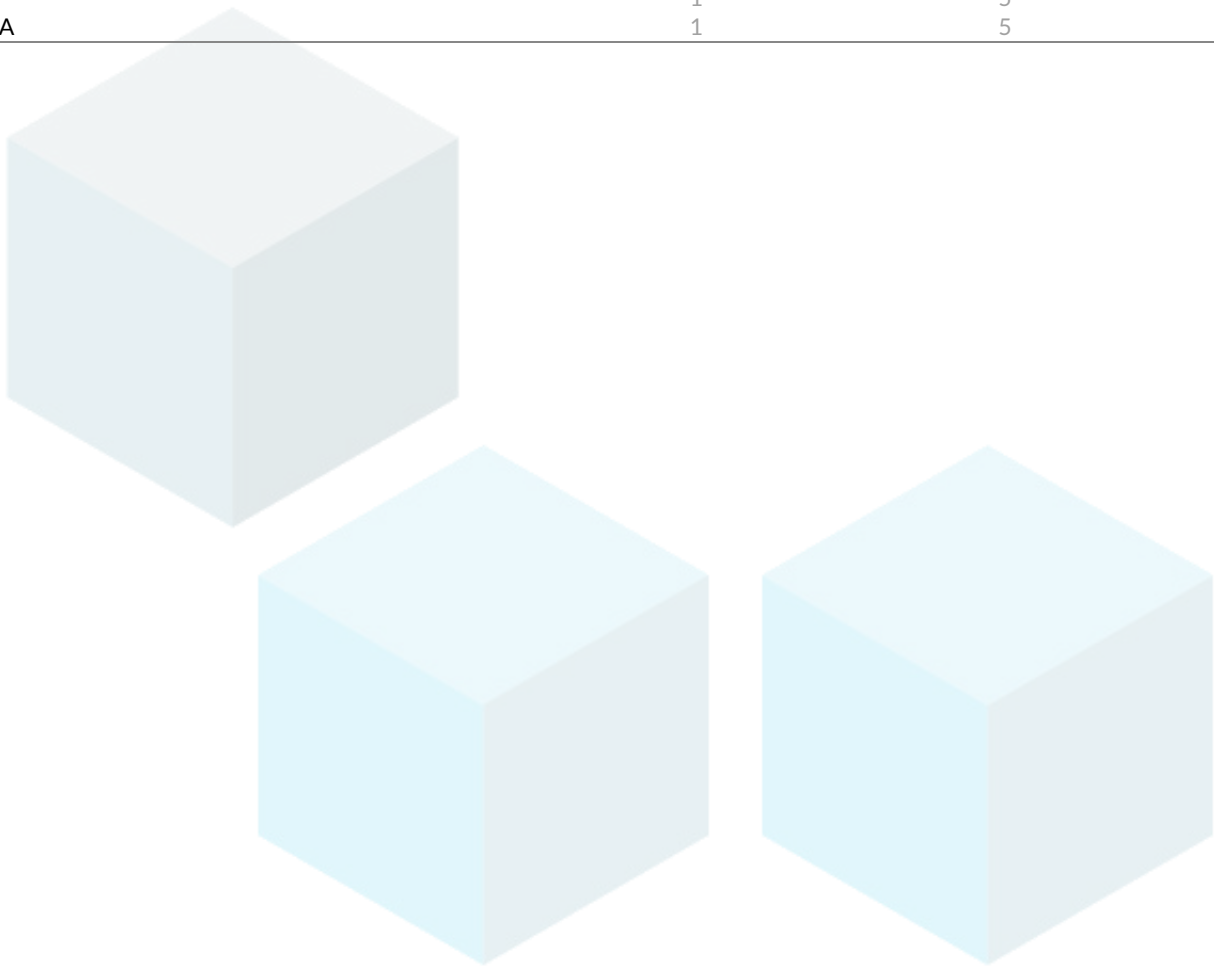
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### Mycotoxins by LCMS/MS

Complete

Analyte	LOD PPB	LOQ PPB	Units PPB
B1	1	5	ND
B2	1	5	ND
G1	1	5	ND
G2	1	5	ND
Ochratoxin A	1	5	ND



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### Residual Solvents by HS-GC/MS

Complete

Analyte	LOD	LOQ	Mass	Analyte	LOD	LOQ	Mass
	PPM	PPM	PPM		PPM	PPM	PPM
Acetone	0.5	1	ND	Heptane	0.5	1	ND
Acetonitrile	0.5	1	ND	Isobutane	0.5	1	ND
Benzene	0.5	1	ND	Isopropanol	0.5	1	ND
Butane	0.5	1	ND	Isopropyl-Acetate	0.5	1	ND
1-Butanol	0.5	1	ND	2-Methyl-Butane	0.5	1	ND
2-Butanol	0.5	1	ND	2-Methyl-Pentane	0.5	1	ND
2-Butanone	0.5	1	ND	3-Methyl-Pentane	0.5	1	ND
Chloroform	0.5	1	ND	Methylene-Chloride	0.5	1	ND
Cumene	0.5	1	ND	N,N-Dimethyl-Acetamide	0.5	1	ND
Cyclohexane	0.5	1	ND	N,N-Dimethyl-Formamide	0.5	1	ND
1,2-Dichloro-Ethane	0.5	1	ND	Neopentane	0.5	1	ND
1,2-Dimethoxy-Ethane	0.5	1	ND	1-Pentanol	0.5	1	ND
2,2-Dimethyl-Butane	0.5	1	ND	Propane	0.5	1	ND
2,3-Dimethyl-Butane	0.5	1	ND	1-Propanol	0.5	1	ND
Dimethyl sulfoxide	0.5	1	ND	Pyridine	0.5	1	ND
1,4-Dioxane	0.5	1	ND	Sulfolane	0.5	1	ND
Ethanol	0.5	1	77.891	Tetrahydrofuran	0.5	1	ND
2-Ethoxy-Ethanol	0.5	1	ND	Toluene	0.5	1	ND
Ethyl-Acetate	0.5	1	ND	Trichloroethene	0.5	1	ND
Ethyl-Benzene	0.5	1	ND	Xylenes	0.5	1	ND
Ethyl-Ether	0.5	1	ND	n-Hexane	0.5	1	ND
Ethylene glycol	0.5	1	ND	n-Pentane	0.5	1	ND
Ethylene oxide	0.5	1	ND				

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## Terpenes by HS-GC/MS

Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g
α-Bisabolol	0.00001	0.00005	ND	ND
Borneol	0.00001	0.00005	ND	ND
Camphene	0.00001	0.00005	ND	ND
Camphor	0.00001	0.00005	ND	ND
3-Carene	0.00001	0.00005	ND	ND
Caryophyllene oxide	0.00001	0.00005	ND	ND
β-Caryophyllene	0.00001	0.00005	ND	ND
α-Cedrene	0.00001	0.00005	ND	ND
Cedrol	0.00001	0.00005	ND	ND
Endo-Fenchyl alcohol	0.00001	0.00005	ND	ND
Eucalyptol	0.00001	0.00005	ND	ND
Fenchone	0.00001	0.00005	ND	ND
Geraniol	0.00001	0.00005	ND	ND
Geranyl acetate	0.00001	0.00005	ND	ND
Guaiol	0.00001	0.00005	ND	ND
Hexahydro thymol	0.00001	0.00005	ND	ND
α-Humulene	0.00001	0.00005	ND	ND
Isoborneol	0.00001	0.00005	ND	ND
Isopulegol	0.00001	0.00005	ND	ND
Limonene	0.00001	0.00005	ND	ND
Linalool	0.00001	0.00005	ND	ND
β-Myrcene	0.00001	0.00005	ND	ND
Nerol	0.00001	0.00005	ND	ND
Ocimene	0.00001	0.00005	ND	ND
α-Phellandrene	0.00001	0.00005	ND	ND
α-Pinene	0.00001	0.00005	ND	ND
β-Pinene	0.00001	0.00005	ND	ND
Pulegone	0.00001	0.00005	ND	ND
Sabinene	0.00001	0.00005	ND	ND
Sabinene hydrate	0.00001	0.00005	ND	ND
α-Terpinene	0.00001	0.00005	ND	ND
γ-Terpinene	0.00001	0.00005	ND	ND
α-Terpineol	0.00001	0.00005	<LOQ	<LOQ
γ-Terpineol	0.00001	0.00005	ND	ND
Terpinolene	0.00001	0.00005	ND	ND
Valencene	0.00001	0.00005	ND	ND
cis-Nerolidol	0.00001	0.00005	ND	ND
trans-Nerolidol	0.00001	0.00005	ND	ND
<b>Total</b>			<b>0.00000</b>	<b>0.00000</b>

## Primary Aromas



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