

**Lemon Z**

LIMS ID: 2504HKH0483.1384  
Strain: Lemon Z

Matrix: Plant  
Type: Flower - Cured  
Sample Size: 10 g  
Batch #: 585970

Collected: 04/01/2025  
Received: 04/01/2025  
Reported: 04/03/2025  
Batch Size:  
Source Package ID:

Distributor  
**Litty Brand**  
Lic. #  
2428 Newport Blvd  
Costa Mesa, CA 92627

Producer  
**Producer**  
Lic. # Producer



**Summary**

Test	Date Tested	Result
Batch		Pass
Cannabinoids	04/03/2025	Complete
Moisture	04/01/2025	Complete
Water Activity	04/01/2025	Pass
Microbials	04/02/2025	Pass
Mycotoxins	04/01/2025	Pass
Pesticides	04/01/2025	Pass
Heavy Metals	04/01/2025	Pass
Foreign Matter	04/01/2025	Pass

**Cannabinoids**

Complete

<p><b>19.330%</b> 193.299 mg/g</p> <p><b>Total THC</b></p>	<p><b>0.172%</b> 1.722 mg/g</p> <p><b>Total CBD</b></p>	<p><b>19.625%</b> 196.247 mg/g</p> <p><b>Total Cannabinoids</b></p>
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Analyte	LOD	LOQ	Result	Result
	mg/g	mg/g	mg/g	%
CBC	0.00002	0.050	0.320	0.0320
CBD	0.00004	0.050	1.390	0.1390
CBDa	0.00004	0.050	0.378	0.0378
CBG	0.00009	0.050	0.906	0.0906
CBN	0.00002	0.050	ND	ND
Δ8-THC	0.00023	0.050	ND	ND
Δ9-THC	0.00015	0.050	2.990	0.2990
THCa	0.00003	0.050	217.000	21.7000
THCV	0.00014	0.050	ND	ND
<b>Total THC</b>			<b>193.299</b>	<b>19.330</b>
<b>Total CBD</b>			<b>1.722</b>	<b>0.172</b>
<b>Total</b>			<b>196.247</b>	<b>19.625</b>

Testing performed on Agilent HPLC-DAD according to Cannabinoids POT-SOP-2  
Total THC = (THC A X 0.877) + THC Total CBD = (CBD A X 0.877) + CBD  
The reported result is based on a sample weight with the applicable moisture content for that sample.

<p><b>14.86%</b> Complete</p> <p><b>Moisture Content</b></p>	<p><b>0.4910 aw</b> Pass</p> <p><b>Water Activity</b></p>	<p><b>Pass</b></p> <p><b>Foreign Matter</b></p>
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Moisture Contents testing performed SMART 6 and the Water Activity on Rotronics HygroLabC1 according to MC & Aw testing in Cannabis SOP

Testing performed on Rotronic HygroLabC1

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



*Jason Cooley*  
Jason Cooley, Ph.D  
Chief Scientific Officer  
04/03/2025

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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
<i>Aspergillus flavus</i>	Not Detected	Not Detected	Pass
<i>Aspergillus fumigatus</i>	Not Detected	Not Detected	Pass
<i>Aspergillus niger</i>	Not Detected	Not Detected	Pass
<i>Aspergillus terreus</i>	Not Detected	Not Detected	Pass
<i>E. Coli</i>	Not Detected	Not Detected	Pass
<i>Salmonella SPP</i>	Not Detected	Not Detected	Pass



Testing performed on Biomerieux Gene-Up according to Microbial Impurities Testing SOP  
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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	<LOQ	Pass
Cadmium	0.0038	0.050	0.2	ND	Pass
Lead	0.00087	0.125	0.5	<LOQ	Pass
Mercury	0.0021	0.025	0.1	<LOQ	Pass



Test performed on ICP-MS according to HM-Heavy Metals SOP  
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## Pesticides

Pass

Analyte	LOD	LOQ	Limit	Results	Status	Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
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	Imazalil	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	0.027	0.0893	LOD	ND	Pass	Paclbutrazol	0.012	0.0313	LOD	ND	Pass
Chlorfenapyr	0.022	0.0875	LOD	ND	Pass	Parathion Methyl	0.009	0.0875	0.009	ND	Pass
Chlorpyrifos	0.009	0.0313	LOD	ND	Pass	Pentachloronitrobenzene	0.010	0.0875	0.100	ND	Pass
Clofentazine	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	0.036	Pass
Cypermethrin	0.014	0.0313	0.100	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	0.008	ND	Pass
Fonicamid	0.009	0.0313	0.100	ND	Pass	Trifloxystrobin	0.008	0.0313	0.100	ND	Pass

Testing performed on Agilent LCTQ & GCTQ according to Pesticides & Mycotoxins SOP  
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