



## CONSOLIDATED TEST RESULTS SUMMARY

Please see the following pages for full test results.

|  |                                       |  |
|--|---------------------------------------|--|
| <b>LOTUN</b>                             | <b>BATCH #C187</b>                    | <b>NR: Not Reported</b><br><b>NA: Not Available</b>  |
| <b>UNSCENTED LOTION</b>                  | <b>1 TSP</b>                          | <b>LOQ: Limit Of Quantitation</b><br><b>LOD: Limit Of Detection</b>  |
| <b>LABORATORY: COLUMBIA LABORATORIES</b> | <b>OREGON ACCREDITATION: OR100028</b> | <b>1 g = 10<sup>-3</sup> kg = 10<sup>3</sup> mg = 10<sup>6</sup> µg</b><br><b>1 mg/kg = 1 ppm = 1000 ppb</b> |

| POTENCY                            | PER SERVING       | PER GRAM    | REGULATORY ACTION LEVEL |
|------------------------------------|-------------------|-------------|-------------------------|
| Cannabidiol (CBD)                  | 62.6 mg/serving   | 12.9 mg/g   | N/A                     |
| Total THC (d9-THC, d8-THC, THCA)   | 2.787 mg/serving  | 0.574 mg/g  | 3 mg/g                  |
| Cannabigerol (CBG)                 | 1.699 mg/serving  | 0.350 mg/g  | N/A                     |
| Cannabinol (CBN)                   | 0.2136 mg/serving | 0.0440 mg/g | N/A                     |
| Cannabichromene (CBC)              | <LOQ mg/serving   | <LOQ mg/g   | N/A                     |
| Tetrahydrocannabinolic Acid (THCA) | <LOQ mg/serving   | <LOQ mg/g   | N/A                     |
| Delta-9-THC (d9-THC)               | 2.787 mg/serving  | 0.574 mg/g  | N/A                     |
| Delta-8-THC (d8-THC)               | <LOQ mg/serving   | <LOQ mg/g   | N/A                     |

| HEAVY METALS | PER SERVING     | PER GRAM  | REGULATORY ACTION LEVEL   |
|--------------|-----------------|-----------|---------------------------|
| Arsenic      | <LOQ µg/serving | <LOQ µg/g | 10 µg/day <sup>[1]</sup>  |
| Cadmium      | <LOQ µg/serving | <LOQ µg/g | 4.1 µg/day <sup>[1]</sup> |
| Lead         | <LOQ µg/serving | <LOQ µg/g | 3.5 µg/day <sup>[2]</sup> |
| Mercury      | <LOQ µg/serving | <LOQ µg/g | 2 µg/day <sup>[1]</sup>   |

| PESTICIDES  | REGULATORY ACTION LEVEL |
|---|-------------------------|
| None of the 59 pesticides tested found above limit of quantitation in the sample. | 10 ppb <sup>[1]</sup>   |

| RESIDUAL SOLVENTS  |
|--|
| None of the 36 residual solvents tested found above limit of quantitation in the sample. |

| MICROBIAL      | PASS/FAIL |
|----------------|-----------|
| Yeast & Mold   | Pass      |
| Coliform       | Pass      |
| Water Activity | Pass      |

1. American Herbal Pharmacopoeia. (2014). *Cannabis Inflorescence: Standards of Identity, Analysis, and Quality Control*. Washington DC: AHP.  
 2. US Food and Drug Administration. (2019). *Lead in Food, Foodwares, and Dietary Supplements*. Washington DC: FDA. US Food and Drug Administration. (2019). *Lead in Food, Foodwares, and Dietary Supplements*. Washington DC: FDA.



12423 NE Whitaker Way  
Portland, OR 97230  
503-254-1794



**Report Number:** 20-010642/D02.R00  
**Report Date:** 10/06/2020  
**ORELAP#:** OR100028  
**Purchase Order:** testCode  
**Received:** 10/01/20 15:19

**Customer:** Etz Hayim Holdings  
**Product identity:** LOTUN-CI87 Bottom  
**Client/Metric ID:** .  
**Laboratory ID:** 20-010642-0002

**Sample Date:** 10/01/20 09:00

### Summary

**Potency:**

| Analyte per 1g | Result | Limits | Units | Status |                                      |
|----------------|--------|--------|-------|--------|--------------------------------------|
| CBD per 1g     | 12.9   |        | mg/1g |        | CBD-Total per 1g 12.9 mg/1g          |
| CBDV per 1g    | 0.0353 |        | mg/1g |        |                                      |
| CBG per 1g     | 0.350  |        | mg/1g |        | THC-Total per 1g 0.574 mg/1g         |
| CBN per 1g     | 0.0440 |        | mg/1g |        |                                      |
| Δ9-THC per 1g  | 0.574  |        | mg/1g |        | (Reported in milligrams per serving) |



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**Report Date:** 10/06/2020  
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**Purchase Order:** testCode  
**Received:** 10/01/20 15:19



**Customer:** Etz Hayim Holdings  
 16427 NE Airport Way  
 PORTLAND 97230  
 United States

**Product identity:** LOTUN-CI87 Bottom  
**Client/Metric ID:** .  
**Sample Date:** 10/01/20 09:00  
**Laboratory ID:** 20-010642-0002  
**Relinquished by:** Claire Goldstein  
**Temp:** 22.7 °C  
**Serving Size #1:** 1 g

### Sample Results

| Potency per 1g                           | Method J AOAC 2015 V98-6 (mod) | Batch: 2008200 | Analyze: 10/5/20 5:37:00 PM |        |       |
|--|--------------------------------|----------------|-----------------------------|--------|-------|
| Analyte                                  | Result                         | Limits         | Units                       | LOQ    | Notes |
| CBC per 1g                               | < LOQ                          |                | mg/1g                       | 0.0319 |       |
| CBC-A per 1g                             | < LOQ                          |                | mg/1g                       | 0.0319 |       |
| CBC-Total per 1g                         | < LOQ                          |                | mg/1g                       | 0.0599 |       |
| CBD per 1g                               | 12.9                           |                | mg/1g                       | 0.319  |       |
| CBD-A per 1g                             | < LOQ                          |                | mg/1g                       | 0.0319 |       |
| CBD-Total per 1g                         | 12.9                           |                | mg/1g                       | 0.347  |       |
| CBDV per 1g                              | 0.0353                         |                | mg/1g                       | 0.0319 |       |
| CBDV-A per 1g                            | < LOQ                          |                | mg/1g                       | 0.0319 |       |
| CBDV-Total per 1g                        | < LOQ                          |                | mg/1g                       | 0.0596 |       |
| CBG per 1g                               | 0.350                          |                | mg/1g                       | 0.0319 |       |
| CBG-A per 1g                             | < LOQ                          |                | mg/1g                       | 0.0319 |       |
| CBG-Total per 1g                         | 0.350                          |                | mg/1g                       | 0.0596 |       |
| CBL per 1g                               | < LOQ                          |                | mg/1g                       | 0.0319 |       |
| CBN per 1g                               | 0.0440                         |                | mg/1g                       | 0.0319 |       |
| Δ8-THC per 1g                            | < LOQ                          |                | mg/1g                       | 0.0319 |       |
| Δ9-THC per 1g                            | 0.574                          |                | mg/1g                       | 0.0319 |       |
| THC-A per 1g                             | < LOQ                          |                | mg/1g                       | 0.0319 |       |
| THC-Total per 1g                         | 0.574                          |                | mg/1g                       | 0.0599 |       |
| THCV per 1g                              | < LOQ                          |                | mg/1g                       | 0.0319 |       |
| THCV-A per 1g                            | < LOQ                          |                | mg/1g                       | 0.0319 |       |
| THCV-Total per 1g                        | < LOQ                          |                | mg/1g                       | 0.0599 |       |
| <b>Total Cannabinoids 1g<sup>†</sup></b> | <b>13.9</b>                    |                | mg/1g                       |        |       |

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**Report Number:** 20-010642/D05.R00  
**Report Date:** 10/14/2020  
**ORELAP#:** OR100028  
**Purchase Order:** testCode  
**Received:** 10/01/20 15:19

**Customer:** Etz Hayim Holdings  
**Product identity:** LOTUN-CI87  
**Client/Metric ID:** .  
**Laboratory ID:** 20-010642-0003

**Sample Date:** 10/01/20 09:00

### Summary

-----  
**Microbiology:**

Less than LOQ for all analytes.



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**Report Number:** 20-010642/D05.R00  
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**Purchase Order:** testCode  
**Received:** 10/01/20 15:19



**Customer:** Etz Hayim Holdings  
 16427 NE Airport Way  
 PORTLAND 97230  
 United States

**Product identity:** LOTUN-CI87  
**Client/Metric ID:** .  
**Sample Date:** 10/01/20 09:00  
**Laboratory ID:** 20-010642-0003  
**Relinquished by:** Claire Goldstein  
**Temp:** 22.7 °C

### Sample Results

| Microbiology            |        |        |       |     |         |          |                         |       |
|-------------------------|--------|--------|-------|-----|---------|----------|-------------------------|-------|
| Analyte                 | Result | Limits | Units | LOQ | Batch   | Analyze  | Method                  | Notes |
| E.coli                  | < LOQ  |        | cfu/g | 10  | 2008328 | 10/11/20 | AOAC 991.14 (Petrifilm) | X     |
| Total Coliforms         | < LOQ  |        | cfu/g | 10  | 2008328 | 10/11/20 | AOAC 991.14 (Petrifilm) | X     |
| Mold (RAPID Petrifilm)  | < LOQ  |        | cfu/g | 10  | 2008330 | 10/11/20 | AOAC 2014.05 (RAPID)    | X     |
| Yeast (RAPID Petrifilm) | < LOQ  |        | cfu/g | 10  | 2008330 | 10/11/20 | AOAC 2014.05 (RAPID)    | X     |

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**Report Number:** 20-010642/D04.R00  
**Report Date:** 10/14/2020  
**ORELAP#:** OR100028  
**Purchase Order:** testCode  
**Received:** 10/01/20 15:19

**Customer:** Etz Hayim Holdings  
**Product identity:** LOTUN-CI87  
**Client/Metric ID:** .  
**Laboratory ID:** 20-010642-0004

**Sample Date:** 10/01/20 09:00

### Summary

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**Residual Solvents:**

All analytes passing and less than LOQ.

**Pesticides:**

All analytes passing and less than LOQ.

**Metals:**

Less than LOQ for all analytes.  
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**Purchase Order:** testCode  
**Received:** 10/01/20 15:19

**Customer:** Etz Hayim Holdings  
 16427 NE Airport Way  
 PORTLAND 97230  
 United States

**Product identity:** LOTUN-CI87

**Client/Metric ID:** .

**Sample Date:** 10/01/20 09:00

**Laboratory ID:** 20-010642-0004

**Relinquished by:** Claire Goldstein

**Temp:** 22.7 °C

### Sample Results

| Solvents                |        | Method EPA5021A |      |        |       | Units µg/g           | Batch 2008338 | Analyze 10/09/20 08:58 AM |      |        |       |
|-------------------------|--------|-----------------|------|--------|-------|----------------------|---------------|---------------------------|------|--------|-------|
| Analyte                 | Result | Limits          | LOQ  | Status | Notes | Analyte              | Result        | Limits                    | LOQ  | Status | Notes |
| 1,4-Dioxane             | < LOQ  | 380             | 100  | pass   |       | 2-Butanol            | < LOQ         | 5000                      | 200  | pass   |       |
| 2-Ethoxyethanol         | < LOQ  | 160             | 30.0 | pass   |       | 2-Methylbutane       | < LOQ         |                           | 200  |        |       |
| 2-Methylpentane         | < LOQ  |                 | 30.0 |        |       | 2-Propanol (IPA)     | < LOQ         | 5000                      | 200  | pass   |       |
| 2,2-Dimethylbutane      | < LOQ  |                 | 30.0 |        |       | 2,2-Dimethylpropane  | < LOQ         |                           | 200  |        |       |
| 2,3-Dimethylbutane      | < LOQ  |                 | 30.0 |        |       | 3-Methylpentane      | < LOQ         |                           | 30.0 |        |       |
| Acetone                 | < LOQ  | 5000            | 200  | pass   |       | Acetonitrile         | < LOQ         | 410                       | 100  | pass   |       |
| Benzene                 | < LOQ  | 2.00            | 1.00 | pass   |       | Butanes (sum)        | < LOQ         | 5000                      | 400  | pass   |       |
| Cyclohexane             | < LOQ  | 3880            | 200  | pass   |       | Ethanol <sup>i</sup> | < LOQ         |                           | 200  |        |       |
| Ethyl acetate           | < LOQ  | 5000            | 200  | pass   |       | Ethyl benzene        | < LOQ         |                           | 200  |        |       |
| Ethyl ether             | < LOQ  | 5000            | 200  | pass   |       | Ethylene glycol      | < LOQ         | 620                       | 200  | pass   |       |
| Ethylene oxide          | < LOQ  | 50.0            | 30.0 | pass   |       | Hexanes (sum)        | < LOQ         | 290                       | 150  | pass   |       |
| Isopropyl acetate       | < LOQ  | 5000            | 200  | pass   |       | Isopropylbenzene     | < LOQ         | 70.0                      | 30.0 | pass   |       |
| m,p-Xylene              | < LOQ  |                 | 200  |        |       | Methanol             | < LOQ         | 3000                      | 200  | pass   |       |
| Methylene chloride      | < LOQ  | 600             | 200  | pass   |       | Methylpropane        | < LOQ         |                           | 200  |        |       |
| n-Butane                | < LOQ  |                 | 200  |        |       | n-Heptane            | < LOQ         | 5000                      | 200  | pass   |       |
| n-Hexane                | < LOQ  |                 | 30.0 |        |       | n-Pentane            | < LOQ         |                           | 200  |        |       |
| o-Xylene                | < LOQ  |                 | 200  |        |       | Pentanes (sum)       | < LOQ         | 5000                      | 600  | pass   |       |
| Propane                 | < LOQ  | 5000            | 200  | pass   |       | Tetrahydrofuran      | < LOQ         | 720                       | 100  | pass   |       |
| Toluene                 | < LOQ  | 890             | 100  | pass   |       | Total Xylenes        | < LOQ         |                           | 400  |        |       |
| Total Xylenes and Ethyl | < LOQ  | 2170            | 600  | pass   |       |                      |               |                           |      |        |       |

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**Purchase Order:** testCode  
**Received:** 10/01/20 15:19



| Pesticides   |        |        |       |        |       |                     |        |        |       |        |       |
|--|--------|--------|-------|--------|-------|---------------------|--------|--------|-------|--------|-------|
| Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2008359 Analyze 10/09/20 02:44 PM |        |        |       |        |       |                     |        |        |       |        |       |
| Analyte  | Result | Limits | LOQ   | Status | Notes | Analyte             | Result | Limits | LOQ   | Status | Notes |
| Abamectin  | < LOQ  | 0.50   | 0.250 | pass   |       | Acephate            | < LOQ  | 0.40   | 0.250 | pass   |       |
| Acequinocyl  | < LOQ  | 2.0    | 1.00  | pass   |       | Acetamiprid         | < LOQ  | 0.20   | 0.100 | pass   |       |
| Aldicarb   | < LOQ  | 0.40   | 0.200 | pass   |       | Azoxystrobin        | < LOQ  | 0.20   | 0.100 | pass   |       |
| Bifenazate   | < LOQ  | 0.20   | 0.100 | pass   |       | Bifenthrin          | < LOQ  | 0.20   | 0.100 | pass   |       |
| Boscalid   | < LOQ  | 0.40   | 0.200 | pass   |       | Carbaryl            | < LOQ  | 0.20   | 0.100 | pass   |       |
| Carbofuran   | < LOQ  | 0.20   | 0.100 | pass   |       | Chlorantraniliprole | < LOQ  | 0.20   | 0.100 | pass   |       |
| Chlorfenapyr   | < LOQ  | 1.0    | 0.500 | pass   |       | Chlorpyrifos        | < LOQ  | 0.20   | 0.100 | pass   |       |
| Clofentezine   | < LOQ  | 0.20   | 0.100 | pass   |       | Cyfluthrin          | < LOQ  | 1.0    | 0.500 | pass   |       |
| Cypermethrin   | < LOQ  | 1.0    | 0.500 | pass   |       | Daminozide          | < LOQ  | 1.0    | 0.500 | pass   |       |
| Diazinon   | < LOQ  | 0.20   | 0.100 | pass   |       | Dichlorvos          | < LOQ  | 1.0    | 0.500 | pass   |       |
| Dimethoate   | < LOQ  | 0.20   | 0.100 | pass   |       | Ethoprophos         | < LOQ  | 0.20   | 0.100 | pass   |       |
| Etofenprox   | < LOQ  | 0.40   | 0.200 | pass   |       | Etoxazole           | < LOQ  | 0.20   | 0.100 | pass   |       |
| Fenoxycarb   | < LOQ  | 0.20   | 0.100 | pass   |       | Fenpyroximate       | < LOQ  | 0.40   | 0.200 | pass   |       |
| Fipronil   | < LOQ  | 0.40   | 0.200 | pass   |       | Fonicamid           | < LOQ  | 1.0    | 0.400 | pass   |       |
| Fludioxonil  | < LOQ  | 0.40   | 0.200 | pass   |       | Hexythiazox         | < LOQ  | 1.0    | 0.400 | pass   |       |
| Imazalil   | < LOQ  | 0.20   | 0.100 | pass   |       | Imidacloprid        | < LOQ  | 0.40   | 0.200 | pass   |       |
| Kresoxim-methyl  | < LOQ  | 0.40   | 0.200 | pass   |       | Malathion           | < LOQ  | 0.20   | 0.100 | pass   |       |
| Metalaxyl  | < LOQ  | 0.20   | 0.100 | pass   |       | Methiocarb          | < LOQ  | 0.20   | 0.100 | pass   |       |
| Methomyl   | < LOQ  | 0.40   | 0.200 | pass   |       | MGK-264             | < LOQ  | 0.20   | 0.100 | pass   |       |
| Myclobutanil   | < LOQ  | 0.20   | 0.100 | pass   |       | Naled               | < LOQ  | 0.50   | 0.250 | pass   |       |
| Oxamyl   | < LOQ  | 1.0    | 0.500 | pass   |       | Paclobutrazole      | < LOQ  | 0.40   | 0.200 | pass   |       |
| Parathion-Methyl   | < LOQ  | 0.20   | 0.200 | pass   |       | Permethrin          | < LOQ  | 0.20   | 0.100 | pass   |       |
| Phosmet  | < LOQ  | 0.20   | 0.100 | pass   |       | Piperonyl butoxide  | < LOQ  | 2.0    | 1.00  | pass   |       |
| Prallethrin  | < LOQ  | 0.20   | 0.200 | pass   |       | Propiconazole       | < LOQ  | 0.40   | 0.200 | pass   |       |
| Propoxur   | < LOQ  | 0.20   | 0.100 | pass   |       | Pyrethrin I (total) | < LOQ  | 1.0    | 0.500 | pass   |       |
| Pyridaben  | < LOQ  | 0.20   | 0.100 | pass   |       | Spinosad            | < LOQ  | 0.20   | 0.100 | pass   |       |
| Spiromesifen   | < LOQ  | 0.20   | 0.100 | pass   |       | Spirotetramat       | < LOQ  | 0.20   | 0.100 | pass   |       |
| Spiroxamine  | < LOQ  | 0.40   | 0.200 | pass   |       | Tebuconazole        | < LOQ  | 0.40   | 0.200 | pass   |       |
| Thiacloprid  | < LOQ  | 0.20   | 0.100 | pass   |       | Thiamethoxam        | < LOQ  | 0.20   | 0.100 | pass   |       |
| Trifloxystrobin  | < LOQ  | 0.20   | 0.100 | pass   |       |                     |        |        |       |        |       |

| Metals  |        |        |       |        |         |          |                     |       |  |  |
|---------|--------|--------|-------|--------|---------|----------|---------------------|-------|--|--|
| Analyte | Result | Limits | Units | LOQ    | Batch   | Analyze  | Method              | Notes |  |  |
| Arsenic | < LOQ  |        | mg/kg | 0.0368 | 2008484 | 10/13/20 | AOAC 2013.06 (mod.) | X     |  |  |
| Cadmium | < LOQ  |        | mg/kg | 0.0368 | 2008484 | 10/13/20 | AOAC 2013.06 (mod.) | X     |  |  |
| Lead    | < LOQ  |        | mg/kg | 0.0368 | 2008484 | 10/13/20 | AOAC 2013.06 (mod.) | X     |  |  |
| Mercury | < LOQ  |        | mg/kg | 0.0184 | 2008484 | 10/13/20 | AOAC 2013.06 (mod.) | X     |  |  |

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