

Loon Lab Extracts & Research LLC

4730 Quebec Ave N.
New Hope, MN 55428
gabriel@loonlabmn.com
(651) 808-7240


Sample: 2403AIT0316.0691

Strain: N/A
Batch#: ; Batch Size: g
Sample Received: 03/22/2024; Report Created: 04/02/2024

LL-Butterscotch-001

Ingestible, Hard Lozenge



| | | | |
|---|--|--|---|
|  | 0.248% 49.7 mg/container 5.0 mg/serving Total THC | <LOQ <LOQ <LOQ Total CBD | 0.259% 51.9 mg/container 5.2 mg/serving Total Cannabinoids |
|---|--|--|---|

Cannabinoids

Date Tested: 03/22/2024

| Analytes | % | mg/g | mg/ml | mg/serving | LOQ |
|----------|-------|-------|-------|------------|-------|
| CBC | 0.005 | 0.049 | 0.049 | 0.098 | 0.001 |
| CBD | <LOQ | <LOQ | <LOQ | <LOQ | 0.001 |
| CBDa | <LOQ | <LOQ | <LOQ | <LOQ | 0.001 |
| CBDV | <LOQ | <LOQ | <LOQ | <LOQ | 0.001 |
| CBG | 0.006 | 0.061 | 0.061 | 0.123 | 0.001 |
| CBGa | <LOQ | <LOQ | <LOQ | <LOQ | 0.001 |
| CBL | <LOQ | <LOQ | <LOQ | <LOQ | 0.001 |
| CBN | <LOQ | <LOQ | <LOQ | <LOQ | 0.001 |
| Δ8-THC | <LOQ | <LOQ | <LOQ | <LOQ | 0.001 |
| Δ9-THC | 0.248 | 2.483 | 2.483 | 4.966 | 0.001 |
| THCa | <LOQ | <LOQ | <LOQ | <LOQ | 0.001 |
| THCVa | <LOQ | <LOQ | <LOQ | <LOQ | 0.001 |

Method: HPLC
 Total THC = THCa * 0.877 + Δ9-THC
 Total CBD = CBDa * 0.877 + CBD

Total Cannabinoids represents the sum of all cannabinoids in the table above.
 Results are reported on a dry weight basis: Cannabinoid % / (1.0 - moisture content % / 100) = Dry weight cannabinoids %
 LOQ = Limit of Quantitation

Summary

| | |
|----------------------------------|-----------------------------|
| Pass Residual Solvents | Pass Pesticides |
| Pass Mycotoxins | Pass Heavy Metals |
| | Pass Microbials |

4150 98th Ave S
 Fargo, ND
 (888) 897-4367
 www.hempinspection.com




John Schmidt
 Analytical Chemist



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 (866) 506-5866

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Microbials

Pass

Date Tested: 03/26/2024

| Analyte | Limit | Units | Status |
|--------------------------------------|-------|--------------|-------------|
| Aerobic Bacteria | 1 | CFU/g | NT |
| Bile-Tolerant Gram-Negative Bacteria | 1 | NR | NT |
| Coliforms | 1 | NR | NT |
| E. Coli | 1 | Not Detected | Not Present |
| Salmonella | 1 | Not Detected | Not Present |
| Yeast & Mold | 1000 | <LOQ | Not Present |

Method: qPCR

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Mycotoxins

Pass

Date Tested: 03/26/2024

| Analyte | LOQ | Limit | Units | Status |
|--------------|------|-------|-------|--------|
| | PPB | PPB | PPB | |
| Aflatoxin B1 | 1.00 | 20.00 | <LOQ | Pass |
| Aflatoxin B2 | 1.00 | 20.00 | <LOQ | Pass |
| Aflatoxin G1 | 1.00 | 20.00 | <LOQ | Pass |
| Aflatoxin G2 | 1.00 | 20.00 | <LOQ | Pass |
| Ochratoxin A | 1.00 | 20.00 | <LOQ | Pass |

Method: LCMS

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Ingestible, Hard Lozenge



Heavy Metals

Pass

Date Tested: 03/26/2024

| Analyte | LOQ | Limit | Mass | Status |
|---------|------|-------|------|--------|
| | PPM | PPM | PPM | |
| Arsenic | 0.10 | 1.50 | <LOQ | Pass |
| Cadmium | 0.10 | 0.50 | <LOQ | Pass |
| Lead | 0.10 | 0.50 | <LOQ | Pass |
| Mercury | 0.10 | 3.00 | <LOQ | Pass |



Method: ICPMS

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LL-Butterscotch-001

Ingestible, Hard Lozenge



Pesticides

Pass

Date Tested: 03/26/2024

| Analyte | LOQ | Limit | Mass | Status |
|---------------------|------|-------|------|--------|
| | PPM | PPM | PPM | |
| Abamectin | 0.01 | 0.50 | <LOQ | Pass |
| Acephate | 0.01 | 0.40 | <LOQ | Pass |
| Acequinocyl | 0.01 | 2.00 | <LOQ | Pass |
| Acetamiprid | 0.01 | 0.20 | <LOQ | Pass |
| Aldicarb | 0.01 | 0.40 | <LOQ | Pass |
| Azoxystrobin | 0.01 | 0.20 | <LOQ | Pass |
| Bifenazate | 0.01 | 0.20 | <LOQ | Pass |
| Bifenthrin | 0.01 | 0.20 | <LOQ | Pass |
| Boscalid | 0.01 | 0.40 | <LOQ | Pass |
| Carbaryl | 0.01 | 0.20 | <LOQ | Pass |
| Carbofuran | 0.01 | 0.20 | <LOQ | Pass |
| Chlorantraniliprole | 0.01 | 0.20 | <LOQ | Pass |
| Chlorfenapyr | 0.01 | 1.00 | <LOQ | Pass |
| Chlorpyrifos | 0.01 | 0.20 | <LOQ | Pass |
| Clofentezine | 0.01 | 0.20 | <LOQ | Pass |
| Cyfluthrin | 0.01 | 1.00 | <LOQ | Pass |
| Cypermethrin | 0.01 | 1.00 | <LOQ | Pass |
| Daminozide | 0.01 | 1.00 | <LOQ | Pass |
| DDVP | 0.01 | 1.00 | <LOQ | Pass |
| Diazinon | 0.01 | 0.20 | <LOQ | Pass |
| Dimethoate | 0.01 | 0.20 | <LOQ | Pass |
| Ethoprophos | 0.01 | 0.20 | <LOQ | Pass |
| Etofenprox | 0.01 | 0.40 | <LOQ | Pass |
| Etoxazole | 0.01 | 0.20 | <LOQ | Pass |
| Fenoxycarb | 0.01 | 0.20 | <LOQ | Pass |

Methods: LCMS and GCMS

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LL-Butterscotch-001

Ingestible, Hard Lozenge



Pesticides

Pass

Date Tested: 03/26/2024

| Analyte | LOQ | Limit | Mass | Status |
|--------------------|------|-------|------|--------|
| | PPM | PPM | PPM | |
| Fenpyroximate | 0.01 | 0.40 | <LOQ | Pass |
| Fipronil | 0.01 | 0.40 | <LOQ | Pass |
| Fonicamid | 0.01 | 1.00 | <LOQ | Pass |
| Fludioxonil | 0.01 | 0.40 | <LOQ | Pass |
| Hexythiazox | 0.01 | 1.00 | <LOQ | Pass |
| Imazalil | 0.01 | 0.20 | <LOQ | Pass |
| Imidacloprid | 0.01 | 0.40 | <LOQ | Pass |
| Kresoxim Methyl | 0.01 | 0.40 | <LOQ | Pass |
| Malathion | 0.01 | 0.20 | <LOQ | Pass |
| Metalaxyl | 0.01 | 0.20 | <LOQ | Pass |
| Methiocarb | 0.01 | 0.20 | <LOQ | Pass |
| Methomyl | 0.01 | 0.40 | <LOQ | Pass |
| Methyl Parathion | 0.01 | 0.20 | <LOQ | Pass |
| MGK-264 | 0.01 | 0.20 | <LOQ | Pass |
| Myclobutanil | 0.01 | 0.20 | <LOQ | Pass |
| Naled | 0.01 | 0.50 | <LOQ | Pass |
| Oxamyl | 0.01 | 1.00 | <LOQ | Pass |
| Paclobutrazol | 0.01 | 0.40 | <LOQ | Pass |
| Permethrins | 0.01 | 0.20 | <LOQ | Pass |
| Phosmet | 0.01 | 0.20 | <LOQ | Pass |
| Piperonyl Butoxide | 0.01 | 2.00 | <LOQ | Pass |
| Prallethrin | 0.01 | 0.20 | <LOQ | Pass |
| Propiconazole | 0.01 | 0.40 | <LOQ | Pass |
| Propoxur | 0.01 | 0.20 | <LOQ | Pass |
| Pyrethrins | 0.01 | 1.00 | <LOQ | Pass |

Methods: LCMS and GCMS

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LL-Butterscotch-001

Ingestible, Hard Lozenge



Pesticides

Pass

Date Tested: 03/26/2024

| Analyte | LOQ | Limit | Mass | Status |
|-----------------|------|-------|------|--------|
| | PPM | PPM | PPM | |
| Pyridaben | 0.01 | 0.20 | <LOQ | Pass |
| Spinosad | 0.01 | 0.20 | <LOQ | Pass |
| Spiromesifen | 0.01 | 0.20 | <LOQ | Pass |
| Spirotetramat | 0.01 | 0.20 | <LOQ | Pass |
| Spiroxamine | 0.01 | 0.40 | <LOQ | Pass |
| Tebuconazole | 0.01 | 0.40 | <LOQ | Pass |
| Thiacloprid | 0.01 | 0.20 | <LOQ | Pass |
| Thiamethoxam | 0.01 | 0.20 | <LOQ | Pass |
| Trifloxystrobin | 0.01 | 0.20 | <LOQ | Pass |

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LL-Butterscotch-001

Ingestible, Hard Lozenge



Residual Solvents

Pass

Date Tested: 03/26/2024

| Analyte | LOQ | Limit | Mass | Status |
|-------------------|----------|----------|------|--------|
| | PPM | PPM | PPM | |
| 1,4-Dioxane | 71.250 | 380.000 | <LOQ | Pass |
| 2-Butanol | 437.500 | 5000.000 | <LOQ | Pass |
| 2-Ethoxy-Ethanol | 30.000 | 160.000 | <LOQ | Pass |
| 2-Propanol IPA | 437.500 | 5000.000 | <LOQ | Pass |
| Acetone | 437.500 | 5000.000 | <LOQ | Pass |
| Acetonitrile | 76.880 | 410.000 | <LOQ | Pass |
| Benzene | 0.375 | 2.000 | <LOQ | Pass |
| Butanes | 156.300 | 5000.000 | <LOQ | Pass |
| Cumene | 13.130 | 70.000 | <LOQ | Pass |
| Cyclohexane | 727.500 | 3880.000 | <LOQ | Pass |
| Dichloromethane | 112.500 | 600.000 | <LOQ | Pass |
| Ethanol | 437.500 | 5000.000 | <LOQ | Pass |
| Ethyl-Acetate | 437.500 | 5000.000 | <LOQ | Pass |
| Ethyl-Ether | 437.500 | 5000.000 | <LOQ | Pass |
| Ethylene Glycol | 116.300 | 620.000 | <LOQ | Pass |
| Ethylene Oxide | 9.375 | 50.000 | <LOQ | Pass |
| Heptane | 437.500 | 5000.000 | <LOQ | Pass |
| Hexanes | 217.500 | 290.000 | <LOQ | Pass |
| Isopropyl-Acetate | 437.500 | 5000.000 | <LOQ | Pass |
| Methanol | 312.500 | 3000.000 | <LOQ | Pass |
| Pentanes | 953.100 | 5000.000 | <LOQ | Pass |
| Propane | 31.250 | 5000.000 | <LOQ | Pass |
| Tetrahydrofuran | 135.000 | 720.000 | <LOQ | Pass |
| Toluene | 166.900 | 890.000 | <LOQ | Pass |
| Xylenes | 1221.000 | 2170.000 | <LOQ | Pass |

Method: GCMS (Headspace)

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