

Batch

2815 S 5th Ct
Milwaukee, WI 53207
(262) 364-6940

Laboratory Number: 2209028-17

Batch #: 54434A
Sample Received: 9/9/2022; Report Created: 9/16/2022

Nighttime Gummies
Ingestible

Sample Image



Terpenes (GCMS-MS) Analyzed: By:

| Compound | mg/g | % |
|-----------------------------|------|----|
| alpha-Bisabolol | NT | NT |
| (-)-Borneol and (+)-Borneol | NT | NT |
| Camphene | NT | NT |
| Camphor | NT | NT |
| beta-Caryophyllene | NT | NT |
| trans-Caryophyllene | NT | NT |
| Caryophyllene Oxide | NT | NT |
| alpha-Cedrene | NT | NT |
| Cedrol | NT | NT |
| Endo-fenchyl Alcohol | NT | NT |
| Eucalyptol | NT | NT |
| Fenchone | NT | NT |
| Geraniol | NT | NT |
| Geranyl acetate | NT | NT |
| Guaiol | NT | NT |
| Hexahydrothymol | NT | NT |
| alpha-Humulene | NT | NT |
| Isoborneol | NT | NT |
| Isopulegol | NT | NT |
| Limonene | NT | NT |
| Linalool | NT | NT |
| p-Mentha-1,5-diene | NT | NT |
| beta-Myrcene | NT | NT |
| trans-Nerolidol | NT | NT |
| Ocimene | NT | NT |
| alpha-Pinene | NT | NT |
| beta-Pinene | NT | NT |
| Pulegone | NT | NT |
| Sabinene | NT | NT |
| Sabinene Hydrate | NT | NT |
| gamma-Terpinene | NT | NT |
| alpha-Terpinene | NT | NT |
| 3-Carene | NT | NT |
| Terpineol | NT | NT |
| Terpinolene | NT | NT |
| Valencene | NT | NT |
| Nerol | NT | NT |
| cis-Nerolidol | NT | NT |
| Total Terpenes | NT | NT |

Cannabinoid (HPLC) Analyzed: 09/16/22 By: KSG

| Compound | LOQ % | mg/g | mg/unit | % |
|-------------|---------|--------|---------|---------|
| THC-A | 0.01065 | ND | ND | ND |
| delta 9-THC | 0.01065 | 0.1219 | 0.427 | 0.01219 |
| delta 8-THC | 0.01065 | ND | ND | ND |
| THC-V | 0.01065 | ND | ND | ND |
| CBG-A | 0.01065 | ND | ND | ND |
| CBD-A | 0.01065 | ND | ND | ND |
| CBD | 0.01065 | 7.6114 | 26.64 | 0.76114 |
| CBD-V | 0.01065 | ND | ND | ND |
| CBN | 0.01065 | 4.3152 | 15.10 | 0.43152 |
| CBG | 0.01065 | 0.2922 | 1.023 | 0.02922 |
| CBC | 0.01065 | 0.2207 | 0.772 | 0.02207 |

0.1219 mg/g
0.43 mg/unit
0.01219 %

Total THC

7.6114 mg/g
26.64 mg/unit
0.76114 %

Total CBD

12.5600 mg/g
43.96 mg/unit
1.25600 %

Total Cannabinoids

Total THC = THCa * 0.877 + delta 9-THC; Total CBD = CBDA * 0.877 + CBD

62.44 : 1

CBD to THC Ratio

Not Tested

Water Activity

Not Tested

Moisture

Safety

Not Tested

Pesticides

Not Tested

Microbials

Not Tested

Residual Solvents


Not Tested

Metals

Not Tested

pH

RL = Reporting Limit
NA = Not Applicable
NT = Not Tested
ND = Non Detected
LOQ = Limit of Quantification


Erin Polly
Technical Laboratory Director



This product has been tested by Desert Valley Testing using valid testing methodologies. Values reported only relate to the product tested. Desert Valley Testing makes no claims 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 Desert Valley Testing.



Certificate of Analysis

TESTED

BATCH

N63W22595 Main St
Sussex, WI, 53089, US
Telephone: (262) 364-6940
Email: griff@hellobatch.com

Sample : KN20907013-002
Harvest/Lot ID: 220722

Batch# : 01
Sampled : 08/22/22
Ordered : 08/22/22

Sample Size Received : 15 gram
Total Batch Size : N/A
Completed : 09/19/22 Expires: 09/19/23
Sample Method : SOP Client Method

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Pesticides

PASSED

| Pesticide | LOD | Units | Action Level | Pass/Fail | Result | Pesticide | LOD | Units | Action Level | Pass/Fail | Result |
|----------------------|------|-------|--------------|-----------|--------|--------------------|------|-------|--------------|-----------|--------|
| ABAMECTIN B1A | 0.01 | ppm | 0.3 | PASS | ND | PIPERONYL BUTOXIDE | 0.01 | ppm | 3 | PASS | ND |
| ACEPHATE | 0.01 | ppm | 3 | PASS | ND | PRALLETHRIN | 0.01 | ppm | 0.4 | PASS | ND |
| ACEQUINOCYL | 0.01 | ppm | 2 | PASS | ND | PROPICONAZOLE | 0.01 | ppm | 1 | PASS | ND |
| ACETAMIPRID | 0.01 | ppm | 3 | PASS | ND | PROPOXUR | 0.01 | ppm | 0.1 | PASS | ND |
| ALDICARB | 0.01 | ppm | 0.1 | PASS | ND | PYRETHRINS | 0.01 | ppm | 1 | PASS | ND |
| AZOXYSTROBIN | 0.01 | ppm | 3 | PASS | ND | PYRIDABEN | 0.01 | ppm | 3 | PASS | ND |
| BIFENAZATE | 0.01 | ppm | 3 | PASS | ND | SPINETORAM | 0.01 | ppm | 3 | PASS | ND |
| BIFENTHRIN | 0.01 | ppm | 0.5 | PASS | ND | SPIROMESIFEN | 0.01 | ppm | 3 | PASS | ND |
| BOSCALID | 0.01 | ppm | 3 | PASS | ND | SPIROTETRAMAT | 0.01 | ppm | 3 | PASS | ND |
| CARBARYL | 0.01 | ppm | 0.5 | PASS | ND | SPIROXAMINE | 0.01 | ppm | 0.1 | PASS | ND |
| CARBOFURAN | 0.01 | ppm | 0.1 | PASS | ND | TEBUCONAZOLE | 0.01 | ppm | 1 | PASS | ND |
| CHLORANTRANILIPROLE | 0.01 | ppm | 3 | PASS | ND | THIACLOPRID | 0.01 | ppm | 0.1 | PASS | ND |
| CHLORMEQUAT CHLORIDE | 0.01 | ppm | 3 | PASS | ND | THIAMETHOXAM | 0.01 | ppm | 1 | PASS | ND |
| CHLORPYRIFOS | 0.01 | ppm | 0.1 | PASS | ND | TOTAL SPINOSAD | 0.01 | ppm | 3 | PASS | ND |
| CLOFENTEZINE | 0.01 | ppm | 0.5 | PASS | ND | TRIFLOXYSTROBIN | 0.01 | ppm | 3 | PASS | ND |
| COUMAPHOS | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| CYPERMETHRIN | 0.01 | ppm | 1 | PASS | ND | | | | | | |
| DAMINOZIDE | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| DIAZANON | 0.01 | ppm | 0.2 | PASS | ND | | | | | | |
| DICHLORVOS | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| DIMETHOATE | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| DIMETHOMORPH | 0.01 | ppm | 3 | PASS | ND | | | | | | |
| ETHOPROPHOS | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| ETOFENPROX | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| ETOXAZOLE | 0.01 | ppm | 1.5 | PASS | ND | | | | | | |
| FENHEXAMID | 0.01 | ppm | 3 | PASS | ND | | | | | | |
| FENOXYCARB | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| FENPYROXIMATE | 0.01 | ppm | 2 | PASS | ND | | | | | | |
| FIPRONIL | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| FLONICAMID | 0.01 | ppm | 2 | PASS | ND | | | | | | |
| FLUDIOXONIL | 0.01 | ppm | 3 | PASS | ND | | | | | | |
| HEXYTHIAZOX | 0.01 | ppm | 2 | PASS | ND | | | | | | |
| IMAZALIL | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| IMIDACLOPRID | 0.01 | ppm | 3 | PASS | ND | | | | | | |
| KRESOXIM-METHYL | 0.01 | ppm | 1 | PASS | ND | | | | | | |
| MALATHION | 0.01 | ppm | 2 | PASS | ND | | | | | | |
| METALAXYL | 0.01 | ppm | 3 | PASS | ND | | | | | | |
| METHIOCARB | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| METHOMYL | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| MEVINPHOS | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| MYCLOBUTANIL | 0.01 | ppm | 3 | PASS | ND | | | | | | |
| NALED | 0.01 | ppm | 0.5 | PASS | ND | | | | | | |
| OXAMYL | 0.01 | ppm | 0.5 | PASS | ND | | | | | | |
| PACLOBUTRAZOL | 0.01 | ppm | 0.1 | PASS | ND | | | | | | |
| PERMETHRINS | 0.01 | ppm | 1 | PASS | ND | | | | | | |
| PHOSMET | 0.01 | ppm | 0.2 | PASS | ND | | | | | | |

Analyzed by: 2803 Weight: 0.5085g Extraction date: 09/13/22 18:44:18 Extracted by: 2803
 Analysis Method : SOP.T.30.060, SOP.T.40.060
 Analytical Batch : KN002892PE5 Reviewed On : 09/16/22 16:29:52
 Instrument Used : E-SHI-125 Pesticides Batch Date : 09/13/22 18:16:18
 Running on : N/A
 Dilution : 0.01
 Reagent : N/A
 Consumables : N/A
 Pipette : N/A

Pesticide analysis is performed using LC-MSMS which can quantify down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 61 Pesticides. (Methods: SOP.T.30.065 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.065 Procedure for Pesticide Quantification Using LCMSMS). *Based on FL action limits.



Certificate of Analysis

TESTED
BATCH

 N63W22595 Main St
 Sussex, WI, 53089, US
 Telephone: (262) 364-6940
 Email: griff@helloworldbatch.com

 Sample : KN20907013-002
 Harvest/Lot ID: 220722

 Batch# : 01
 Sampled : 08/22/22
 Ordered : 08/22/22

 Sample Size Received : 15 gram
 Total Batch Size : N/A
 Completed : 09/19/22 Expires: 09/19/23
 Sample Method : SOP Client Method

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Residual Solvents

PASSED

| Solvents | LOD | Units | Action Level | Pass/Fail | Result |
|--|------|-------|--------------|-----------|--------|
| PROPANE | 500 | ppm | 2100 | PASS | ND |
| BUTANES (N-BUTANE) | 500 | ppm | 2000 | PASS | ND |
| METHANOL | 25 | ppm | 3000 | PASS | ND |
| ETHYLENE OXIDE | 0.5 | ppm | 5 | PASS | ND |
| PENTANES (N-PENTANE) | 75 | ppm | 5000 | PASS | ND |
| ETHANOL | 500 | ppm | 5000 | PASS | ND |
| ETHYL ETHER | 50 | ppm | 5000 | PASS | ND |
| 1,1-DICHLOROETHENE | 0.8 | ppm | 8 | PASS | ND |
| ACETONE | 75 | ppm | 5000 | PASS | ND |
| 2-PROPANOL | 50 | ppm | 500 | PASS | ND |
| ACETONITRILE | 6 | ppm | 410 | PASS | ND |
| DICHLOROMETHANE | 12.5 | ppm | 600 | PASS | ND |
| N-HEXANE | 25 | ppm | 290 | PASS | ND |
| ETHYL ACETATE | 40 | ppm | 5000 | PASS | ND |
| CHLOROFORM | 0.2 | ppm | 60 | PASS | ND |
| BENZENE | 0.1 | ppm | 2 | PASS | ND |
| 1,2-DICHLOROETHANE | 0.2 | ppm | 5 | PASS | ND |
| HEPTANE | 500 | ppm | 5000 | PASS | ND |
| TRICHLOROETHYLENE | 2.5 | ppm | 80 | PASS | ND |
| TOLUENE | 15 | ppm | 890 | PASS | ND |
| TOTAL XYLENES - M, P & O - DIMETHYLBENZENE | 15 | ppm | 2170 | PASS | ND |

 Analyzed by:
 N/A

 Weight:
 N/A

 Extraction date:
 N/A

 Extracted by:
 N/A

 Analysis Method : SOP.T.40.032
 Analytical Batch : KN002878SOL
 Instrument Used : E-SHI-106 Residual Solvents
 Running on : N/A

 Reviewed On : 09/19/22 11:14:48
 Batch Date : 09/09/22 10:06:59

 Dilution : N/A
 Reagent : N/A
 Consumables : N/A
 Pipette : N/A

Residual solvents analysis is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 22 residual solvents. (Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS). *Based on FL action limits.



Certificate of Analysis

TESTED
BATCH



 N63W22595 Main St
 Sussex, WI, 53089, US
 Telephone: (262) 364-6940
 Email: griff@hellobatch.com


 Sample : KN20907013-002
 Harvest/Lot ID: 220722

 Batch# : 01
 Sampled : 08/22/22
 Ordered : 08/22/22

 Sample Size Received : 15 gram
 Total Batch Size : N/A
 Completed : 09/19/22 Expires: 09/19/23
 Sample Method : SOP Client Method

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|  Microbial | | | | | |  Mycotoxins | | | | | |
|--|---|-------|-------------|-------------|--------------|--|---|-------|--------|-------------|--------------|
| PASSED | | | | | | PASSED | | | | | |
| Analyte | LOD | Units | Result | Pass / Fail | Action Level | Analyte | LOD | Units | Result | Pass / Fail | Action Level |
| ESCHERICHIA COLI SHIGELLA SPP | | | Not Present | PASS | | AFLATOXIN G2 | 0.002 | ppm | ND | PASS | 0.02 |
| SALMONELLA SPECIFIC GENE | | | Not Present | PASS | | AFLATOXIN G1 | 0.002 | ppm | ND | PASS | 0.02 |
| ASPERGILLUS FLAVUS | | | Not Present | PASS | | AFLATOXIN B2 | 0.002 | ppm | ND | PASS | 0.02 |
| ASPERGILLUS FUMIGATUS | | | Not Present | PASS | | AFLATOXIN B1 | 0.002 | ppm | ND | PASS | 0.02 |
| ASPERGILLUS NIGER | | | Not Present | PASS | | OCHRATOXIN A+ | 0.002 | ppm | ND | PASS | 0.02 |
| ASPERGILLUS TERREUS | | | Not Present | PASS | | TOTAL MYCOTOXINS | 0.002 | ppm | ND | PASS | 0.02 |
| Analyzed by: 2657 Weight: 1.0021g Extraction date: 09/08/22 14:13:01 Extracted by: 2657 Analysis Method : SOP.T.40.043 Analytical Batch : KN002867MIC Instrument Used : Micro E-HEW-069 Running on : N/A Dilution : N/A Reagent : N/A Consumables : N/A Pipette : N/A | Reviewed On : 09/09/22 17:17:07 Batch Date : 09/07/22 10:17:35 | | | | | Analyzed by: 2803 Weight: 0.5085g Extraction date: 09/13/22 18:44:18 Extracted by: 2803 Analysis Method : SOP.T.30.060, SOP.T.40.060 Analytical Batch : KN002909MYC Instrument Used : E-SHI-125 Mycotoxins Running on : N/A Dilution : 0.01 Reagent : N/A Consumables : N/A Pipette : N/A | Reviewed On : 09/16/22 16:46:18 Batch Date : 09/16/22 16:31:20 | | | | |

|  Heavy Metals | | | | | | PASSED | | | | | |
|---|---|-------|--------|-------------|--------------|---------------|------|-------|--------|-------------|--------------|
| Metal | LOD | Units | Result | Pass / Fail | Action Level | Metal | LOD | Units | Result | Pass / Fail | Action Level |
| ARSENIC-AS | 0.02 | ppm | ND | PASS | 1.5 | ARSENIC-AS | 0.02 | ppm | ND | PASS | 1.5 |
| CADMIUM-CD | 0.02 | ppm | ND | PASS | 0.5 | CADMIUM-CD | 0.02 | ppm | ND | PASS | 0.5 |
| MERCURY-HG | 0.02 | ppm | ND | PASS | 3 | MERCURY-HG | 0.02 | ppm | ND | PASS | 3 |
| LEAD-PB | 0.02 | ppm | ND | PASS | 0.5 | LEAD-PB | 0.02 | ppm | ND | PASS | 0.5 |
| Analyzed by: 138, 12 Weight: 0.2548g Extraction date: 09/09/22 14:46:47 Extracted by: 138 Analysis Method : SOP.T.40.050, SOP.T.30.052 Analytical Batch : KN002871HEA Instrument Used : Metals ICP/MS Running on : N/A Dilution : 50 Reagent : N/A Consumables : N/A Pipette : N/A | Reviewed On : 09/09/22 16:44:29 Batch Date : 09/07/22 14:00:07 | | | | | | | | | | |

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.082 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.082TN Heavy Metals Analysis via ICP-MS.



Certificate of Analysis

TESTED

BATCH

N63W22595 Main St
Sussex, WI, 53089, US
Telephone: (262) 364-6940
Email: griff@hellobatch.com

Sample : KN20907013-002
Harvest/Lot ID: 220722

Batch# : 01
Sampled : 08/22/22
Ordered : 08/22/22

Sample Size Received : 15 gram
Total Batch Size : N/A
Completed : 09/19/22 Expires: 09/19/23
Sample Method : SOP Client Method

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Filth/Foreign Material

PASSED

| Analyte | LOD | Units | Result | P/F | Action Level |
|----------------------------|-----|----------|--------|------|--------------|
| Filth and Foreign Material | 1 | detect/g | ND | PASS | 3 |

| Analyzed by: | Weight: | Extraction date: | Extracted by: |
|--------------|---------|-------------------|---------------|
| 2657 | 0.7115g | 09/08/22 14:16:35 | 2657 |

Analysis Method : SOP.T.30.074, SOP.T.40.074
 Analytical Batch : KN002868FIL
 Instrument Used : E-AMS-138 Microscope
 Running on : N/A

Reviewed On : 09/08/22 14:23:25
 Batch Date : 09/07/22 10:21:33

Dilution : N/A
 Reagent : N/A
 Consumables : N/A
 Pipette : N/A

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A SW-2T13 Stereo Microscope is used for inspection.

Sue Ferguson

Lab Director

State License # n/a
 ISO Accreditation # 17025:2017

Signature

09/19/22

Signed On



Certificate of Analysis

TESTED
BATCH

 N63W22595 Main St
 Sussex, WI, 53089, US
 Telephone: (262) 364-6940
 Email: griff@hellobatch.com

 Sample : KN20907013-002
 Harvest/Lot ID: 220722

 Batch# : 01
 Sampled : 08/22/22
 Ordered : 08/22/22

 Sample Size Received : 15 gram
 Total Batch Size : N/A
 Completed : 09/19/22 Expires: 09/19/23
 Sample Method : SOP Client Method

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| | | |
|--|----------------------|---------------|
| | Environmental | PASSED |
|--|----------------------|---------------|

| Analyte | Result | Pass/Fail | Action Level |
|---------------------------------------|-------------|-----------|--------------|
| ASPERGILLUS FLAVUS (ENV) | Not Present | TESTED | |
| BILE TOLERANT GRAM NEGATIVE HIGH | Not Present | TESTED | |
| TOTAL AEROBIC BACTERIA HIGH | Not Present | TESTED | |
| TOTAL ENTEROBACTERIACEAE HIGH | Not Present | TESTED | |
| AEROMONAS HYDROPHILIA & SALMONICIDA | Not Present | TESTED | |
| BACILLUS GROUP 1 | Not Present | TESTED | |
| BACILLUS GROUP 2 | Not Present | TESTED | |
| CAMPYLOBACTER SPP. | Not Present | TESTED | |
| ESCHERICHIA COLI/SHIGELLA SPP. (ENV) | Not Present | TESTED | |
| LISTERIA SPP. | Not Present | TESTED | |
| PSEUDOMONAS AERUGINOSA (ENV) | Not Present | TESTED | |
| PSEUDOMONAS SPP. | Not Present | TESTED | |
| SALMONELLA ENTERICA/ENTEROBACTER SPP. | Not Present | TESTED | |
| STAPHYLOCOCCUS AUREUS (ENV) | Not Present | TESTED | |
| TOTAL YEAST & MOLD HIGH | Not Present | TESTED | |
| ALTERNARIA SPP. | Not Present | TESTED | |
| ASPERGILLUS FUMIGATUS (ENV) | Not Present | TESTED | |
| ASPERGILLUS NIGER (ENV) | Not Present | TESTED | |
| ASPERGILLUS TERREUS (ENV) | Not Present | TESTED | |
| BOTRYTIS SPP. | Not Present | TESTED | |
| CAN. ALB/TROP/DUB | Not Present | TESTED | |
| CAN. GLAB/SACH & KLUV SPP. | Not Present | TESTED | |
| CANDIDA ALBICANS | Not Present | TESTED | |
| CLADOSPORIUM SPP. | Not Present | TESTED | |
| FUSARIUM OXYSPORUM | Not Present | TESTED | |
| FUSARIUM SOLANI | Not Present | TESTED | |
| GOLOVINOMYCES 1J2 | Not Present | TESTED | |
| MUCOR SPP. | Not Present | TESTED | |
| PEN & ASP SPP. | Not Present | TESTED | |
| PENICILLIUM SPP. | Not Present | TESTED | |
| SACCHAROMYCES SPP. | Not Present | TESTED | |

| | | | |
|--|----------------|---------------------------------|----------------------|
| Analyzed by: N/A | Weight: N/A | Extraction date: N/A | Extracted by: N/A |
| Analysis Method : SOP.T.30.074, SOP.T.40.074 | | Reviewed On : 09/19/22 11:24:52 | |
| Analytical Batch : N/A | | Batch Date : N/A | |
| Instrument Used : N/A | | | |
| Running on : N/A | | | |

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Sue Ferguson
 Lab Director
 State License # n/a
 ISO Accreditation # 17025:2017


 Signature

09/19/22
 Signed On