Bia Diagnostics Laboratories

Office: 802-540-0148 | Fax: 802-540-0147
480 HERCULES DR. COLCHESTER, VT 05446

# Certificate of Analysis

**Company:** Doh Yey Smokieez
[redacted]
[redacted]
**Customer ID:** 220121-0
**Grower License #:** SCLT0005

**Sample ID:** BOG
**Lot:** SLT0005-DY020823-BOG1
**Matrix:** Flower
**Date Sampled:** N/A
**Date Received:** 2/8/2023

**Report Date:** 2/15/2023
**Date Analyzed:** 2/14/2023
**Analyst:** 050
**Report ID:** C230208AF

## Cannabinoid Summary

| Cannabinoid Profile | LOQ (mg/g) | Concentration (mg/g) | Weight (%) |
|---|---|---|---|
| CBDVA | 0.0005 | <LOQ | <LOQ |
| CBDV | 0.0012 | <LOQ | <LOQ |
| CBDA | 0.0008 | 0.89 | 0.09 |
| CBGA | 0.0008 | 11.83 | 1.18 |
| CBG | 0.0019 | 0.74 | 0.07 |
| CBD | 0.0019 | <LOQ | <LOQ |
| THCV | 0.0021 | <LOQ | <LOQ |
| CBN | 0.0013 | <LOQ | <LOQ |
| Δ9-THC | 0.0020 | 2.71 | 0.27 |
| Δ8-THC | 0.0019 | <LOQ | <LOQ |
| THC-A | 0.0034 | 216.75 | 21.68 |
| CBC | 0.0024 | 0.64 | 0.06 |
| **Total THC** | | 192.80 | 19.28 |
| **Total CBD** | | 0.78 | 0.08 |
| **Total Cannabinoids** | | 233.57 | 23.36 |

| | |
|---|---|
| 19.28% Total THC | 0.08% Total CBD |
| 23.36% Total Cannabinoids | 0.27% Δ9-THC |
| 10.87% Percent Moisture | 1 : 0 THC : CBD Ratio |

Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:
Total THC = (THCA x 0.877) + Δ9-THC
Total CBD = (CBDA x 0.877) + CBD
Ratio of Total CBD: Total THC
Reagent Blanks: < LOQs for all analytes

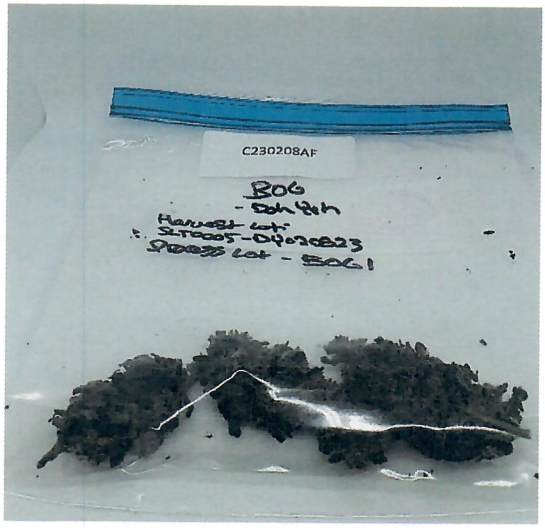
LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement.
Δ9-THC MU = ±0.005%
Total THC MU = ±0.007%

All other cannabinoid MU values are available upon request.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.






*Certified by:* Luke E-M
Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

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# Certificate of Analysis

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**Customer ID:** 220121-0
**Grower License #:** SCLT0005

**Sample ID:** Harvest Lot SLT0005-DY011923
**Lot:** SLT0005-DY011923
**Matrix:** Flower
**Date Sampled:** N/A
**Date Received:** 1/19/2023

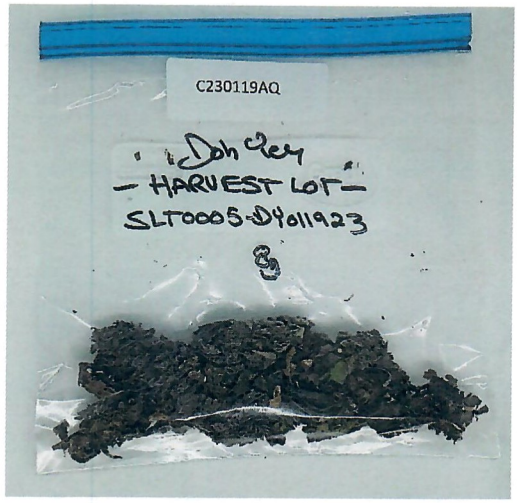
**Report Date:** 1/26/2023
**Date Analyzed:** 1/25/2023
**Analyst:** 45
**Report ID:** C230119AQ

## Pesticides/Mycotoxins Summary

| Category II Residual Pesticide | LOQ (ppm) | Concentration (ppm) |
|---|---|---|
| Abamectin | 0.0100 | <LOQ |
| Acephate | 0.0010 | <LOQ |
| Acequinocyl | 0.0010 | <LOQ |
| Azoxystrobin | 0.0010 | <LOQ |
| Bifenazate | 0.0010 | <LOQ |
| Bifenthrin | 0.0010 | <LOQ |
| Carbaryl | 0.0010 | <LOQ |
| Cypermethrin | 0.0100 | <LOQ |
| Etoxazole | 0.0010 | <LOQ |
| Imidacloprid | 0.0010 | <LOQ |
| Myclobutanil | 0.0010 | <LOQ |
| Pyrethrin I | 0.0010 | <LOQ |
| Pyrethrin II | 0.0010 | <LOQ |
| Spinosyn A | 0.0010 | <LOQ |
| Spinosyn D | 0.0010 | <LOQ |

| Category II Mycotoxin | LOQ (ppm) | Concentration (ppm) |
|---|---|---|
| Ochratoxin A | 0.0020 | NOT TESTED |
| Aflatoxin B1 | 0.0002 | NOT TESTED |
| Alfatoxin B2 | 0.0010 | NOT TESTED |
| Alfatoxin G1 | 0.0002 | NOT TESTED |
| Alfatoxin G2 | 0.0010 | NOT TESTED |

| Category I Residual Pesticide | LOQ (ppm) | Concentration (ppm) |
|---|---|---|
| Chlorpyrifos | 0.0010 | <LOQ |
| Imazalil | 0.0010 | <LOQ |




| 18.10% |
|---|
| Percent Moisture |

LOQ = The lowest quantity this method can reliably detect. Any pesticide or mycotoxins that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

ppb = parts per billion

Pesticides/Mycotoxin Methodology: Liquid Chromatography with Tandem Mass Spectrometry using PerkinElme QSight® LX50 UHPLC and QSight 220 Mass Spectrometer

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

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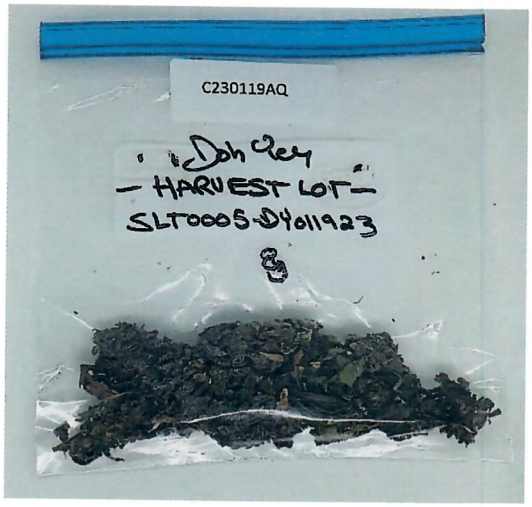
**Matrix:** Flower
**Date Sampled:** N/A
**Date Received:** 1/19/2023

**Report Date:** 1/26/2023
**Date Analyzed:** 1/26/2023
**Analyst:** 018
**Report ID:** C230119AQ

## Pathogen Summary

| Target Pathogens | Method | LOD (cfu/g) | Result (cfu/g) |
|---|---|---|---|
| Aspergillus - flavus, fumigatus, niger, terreus | Aspergillus AOAC PTM No. 032104 | 5 | <LOD |
| STEC | STEC Virx AOAC PTM No. 121203 | 5 | <LOD |
| Salmonella spp. | Salmonella II AOAC PTM No. 010803 | 5 | <LOD |




Test Methodology: Bio-Rad IQ-Check PCR Kits

cfu/g = colony forming units per gram

LOD = The lowest quantity that this method can reliably detect. Any microbial growth that was not detected is assumed to be less than the stated LOD (<LOD).

Reagent Blanks: <LOD for all analytes



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