

## Certificate of Analysis

**Company:** Holland Cannabis

**Sample ID:** Gorilla Glue #4

**Lot:** 004-004

**Report Date:** 2/3/2023

**Matrix:** Flower

**Date Analyzed:** 2/1/2023

**Customer ID:** 220929-0

**Date Sampled:** N/A

**Analyst:** 050

**Grower License #:** CLTV0057-01

**Date Received:** 1/25/2023

**Report ID:** C230125AG

### Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)
CBDVA	0.0005	<LOQ	<LOQ
CBDV	0.0012	<LOQ	<LOQ
CBDA	0.0008	0.63	0.06
CBGA	0.0008	14.23	1.42
CBG	0.0019	1.24	0.12
CBD	0.0019	<LOQ	<LOQ
THCV	0.0021	<LOQ	<LOQ
CBN	0.0013	<LOQ	<LOQ
Δ9-THC	0.0020	3.93	0.39
Δ8-THC	0.0019	<LOQ	<LOQ
THC-A	0.0034	212.76	21.28
CBC	0.0024	0.50	0.05
<b>Total THC</b>		<b>190.53</b>	<b>19.05</b>
<b>Total CBD</b>		<b>0.55</b>	<b>0.05</b>
<b>Total Cannabinoids</b>		<b>233.29</b>	<b>23.33</b>

19.05%

**Total THC**

0.05%

**Total CBD**

23.33%

**Total Cannabinoids**

0.39%

**Δ9-THC**

10.85%

**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

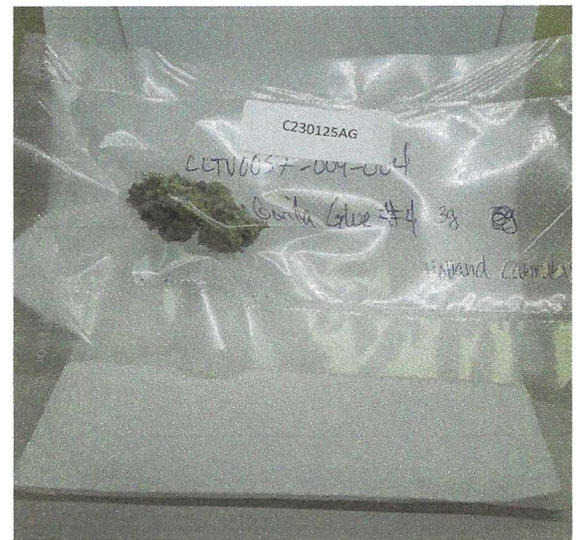
LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).

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.



This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the samples as received.

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

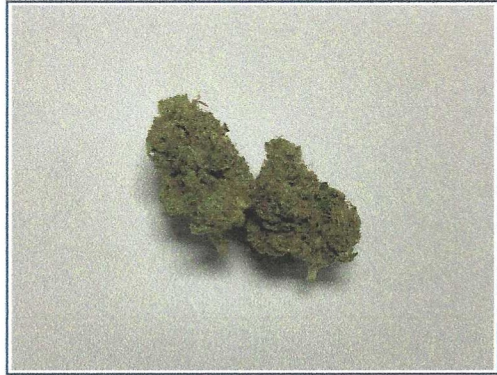


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# Certificate of Analysis

**Client Name:** Holland Cannabis Co.  
**License Number:** CLTV0057

**Sample ID:** VT1854  
**Sample Name:** GG4  
**Sample Lot:** HL4  
**Sample Matrix:** Flower  
**Date Received:** 6/1/2023  
**Date Reported:** 6/9/2023  
**Date Tested:** 6/2/2023



## Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - Limit units: ppm | Test ID: #3526

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00156	0.01560
Abamectin B1b	Pass	ND	0.10000	0.00006	0.00060
Acephate	Pass	ND	0.10000	0.00168	0.01680
Acequinocyl	Pass	ND	0.10000	0.00167	0.01670
Azoxystrobin	Pass	ND	0.10000	0.00168	0.01680
Bifenazate	Pass	ND	0.10000	0.00167	0.01670
Bifenthrin	Pass	ND	3.00000	0.00167	0.01670
Carbaryl	Pass	ND	0.50000	0.00167	0.01670
Chlorpyrifos	Pass	ND	0.04000	0.00167	0.01670
Cypermethrin	Pass	ND	1.00000	0.00168	0.01680
Etoxazole	Pass	ND	0.10000	0.00168	0.01680
Imazalil	Pass	ND	0.04000	0.00167	0.01670
Imidacloprid	Pass	ND	5.00000	0.00166	0.01660
Myclobutanil	Pass	< LOQ	0.10000	0.00167	0.01670
Spinosyn A	Pass	ND	0.10000	0.00120	0.01199
Spinosyn D	Pass	ND	0.10000	0.00042	0.00415
Pyrethrins	Pass	ND	0.50000	0.00022 0.00498 *	0.00072 0.00015 *

\* Pyrethrins action limit represents sum of isomers I & II

Callie Chapman  
 Lab Director  
 6/9/2023

In performing the services, Onward Analytics, ("OA") shall exercise a degree of skill and care ordinarily exercised by a reasonably prudent laboratory professional under similar circumstances. Except as set forth in the preceding sentence, client acknowledges and agrees that: (a) the services may require OA to make judgements based upon limited data rather than upon scientific certainties; (b) OA's approach, recommendations, and associated cost estimates, if any, are based on industry practices and averages; (c) OA renders its opinions with respect to observations made and data available at the time of testing; (d) ultimate outcomes could be inconsistent with OA's conclusions, results and projections; and (e) there may be additional reports relating to the site (whether prepared by OA or other parties), and reliance upon any OA report without reference to any such other reports is done at client's sole risk.



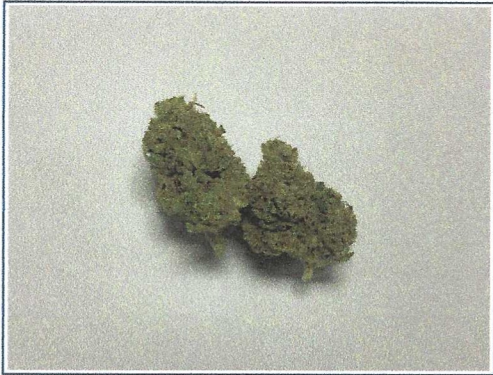


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**Date Reported:** 6/9/2023  
**Date Tested:** 6/8/2023



## Pathogens PASS

Microbiological screening utilizing qPCR (SOP-204-OA) | Test ID #3528

Analyte	Result	Pass/Fail
A. Fumigatus	None Detected	PASS
A. Niger	None Detected	PASS
A. Flavus	None Detected	PASS
A. Terreus	None Detected	PASS
STEC	None Detected	PASS
Salmonella	None Detected	PASS

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