

ONWARD
ANALYTICS

261 Mountain View Dr
Colchester, VT 05446
License # TLAB0030
802-767-7256
info@onwardanalytics.biz

Certificate of Analysis

Client Name: Kingdom Boyz
License Number:

Sample ID: VT14115
Sample Name: GMO
Sample Lot: 11
Sample Matrix: Flower
Date Received: 10/10/2024
Date Reported: 10/20/2024
Date Tested: 10/14/2024



Total Cannabinoids

	%	mg/g
Total THC:	19.563	195.629
Total CBD:	--	--
Total Cannabinoids:	23.817	238.171

Total theoretical CBD % = (CBD%) + (CBDA% * 0.877)
Total theoretical THC % = (delta-9-THC%) + (THCA% * 0.877)

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC, SOP-024-OA) | Test ID: #43456

Analyte	% (Dry)	mg/g (Dry)	%	mg/g	LOD (mg/g)	LOQ (mg/g)
CBC	ND	ND	ND	ND	0.0003	0.0040
CBCA	0.4015	4.015	0.358	3.58	0.0002	0.0040
CBD	ND	ND	ND	ND	0.0008	0.0040
CBDA	ND	ND	ND	ND	0.0002	0.0040
CBDV	ND	ND	ND	ND	0.0008	0.0040
CBDVA	ND	ND	ND	ND	0.0008	0.0040
CBG	< LOQ	< LOQ	< LOQ	< LOQ	0.0001	0.0040
CBGA	0.6475	6.475	0.5773	5.773	0.0009	0.0040
CBN	ND	ND	ND	ND	0.0001	0.0040
CBNA	< LOQ	< LOQ	< LOQ	< LOQ	0.0004	0.0040
D8 THC	ND	ND	ND	< LOQ	0.0002	0.0040
D9 THC	0.6914	6.914	0.6164	6.164	0.0012	0.0040
D10 THC	ND	ND	ND	ND	0.0016	0.0040
THCA	21.5182	215.182	19.1856	191.856	0.0004	0.0040
THCV	ND	ND	ND	ND	0.0002	0.0040
THCVA	0.5585	5.585	0.4979	4.979	0.0016	0.0040

PASS

Water Activity and Moisture Content Analysis (SOP-202-OA) | Test ID: #43457

Analyte	Result (%)	Limit	Pass/Fail
Moisture	10.84	13.00	
Water Activity	0.47	0.65	PASS

Colin Chapman
Lab Director
10/20/2024

Rev 1 Initial Release

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.



GMO Lot 11

 Sample ID: BIA241010S0040
 Strain: Lot 11

 Matrix: Plant
 Type: Flower - Cured
 Sample Size: 7.34 g
 Lot#:

 Produced:
 Collected:
 Received: 10/10/2024
 Completed: 10/17/2024
 Batch#:

 Client
Kingdom Boyz
 Lic. # CLTV0309
 229 Fontaine Rd
 West Charleston, VT 05872

Pathogens

Completed

Pathogens	LOD CFU/g	Results CFU/g
Aspergillus	5	Not Detected
Shiga Toxin E. Coli	5	Not Detected
Salmonella SPP	5	Not Detected

Analyst: 018

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




 Luke Emerson-Mason
 Laboratory Director
 10/17/2024

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Pesticides Pass

Residual pesticide analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070-OA) - Limit units: ppm | Test ID: #44593

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00687	0.02081
Abamectin B1b	Pass	ND	0.10000	0.00133	0.00405
Acephate	Pass	ND	0.10000	0.02214	0.06710
Acequinocyl	Pass	ND	0.10000	0.02276	0.06897
Azoxystrobin	Pass	ND	0.10000	0.01262	0.03825
Bifenazate	Pass	ND	0.10000	0.01232	0.03734
Bifenthrin	Pass	ND	3.00000	0.04612	0.13976
Carbaryl	Pass	ND	0.50000	0.01039	0.03149
Chlorpyrifos	Pass	ND	0.04000	0.00702	0.02128
Cypermethrin	Pass	ND	1.00000	0.02839	0.08604
Etoazole	Pass	ND	0.10000	0.00915	0.02772
Imazalil	Pass	ND	0.04000	0.00664	0.02012
Imidacloprid	Pass	0.063	5.00000	0.02001	0.06063
Myclobutanil	Pass	ND	0.10000	0.01691	0.05123
Spinosyn A	Pass	ND	0.10000	0.00632	0.01916
Spinosyn D	Pass	ND	0.10000	0.00256	0.00775
Pyrethrins	Pass	ND	0.50000	0.00022	0.00072
				0.00498 *	0.00015 *

* Pyrethrins action limit represents sum of isomers I & II

Callie Chapman
Lab Director
10/20/2024

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