

# Certificate of Analysis

Final Product: Gummies

Lot Number: PX1911K008

Strength: 25 mg

Flavor: Assorted

Date of Manufacture: 11/2019

Test	Methodology	Specification	Test Results (Average) <sup>1</sup>	Pass/Fail
Color and Appearance	Lemon Lime Mango Raspberry Strawberry TM-004 (Visual)	Light green/aqua sugar coated gummy cube Mid orange/yellow sugar coated gummy cube Pink sugar coated gummy cube Opaque purple sugar coated gummy cube	Conforms	Pass
Aroma/Odor	TM-004 (Visual)	Prominent labeled aroma	Conforms	Pass
Cannabidiol Identification	TM-009 (DAD Retention Time)	Retention time of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass
	TM-009 (DAD UV Spectrum)	UV Spectrum of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass
CBD Content (% of Label Claim)	TM-009 (HPLC-DAD)	≥ 100.0%	111.1	Pass
THC Content (% w/w)	THC	TM-009 (HPLC-DAD)	Report	ND
	THCA	TM-009 (HPLC-DAD)	Report	ND
	Total THC	TM-009 (HPLC-DAD)	≤ 0.3%	ND
THCV Content (% w/w)	THCV	TM-009 (HPLC-DAD)	≤ 0.3%	ND
Related Cannabinoid Content (%w/w)	CBDA	TM-009 (HPLC-DAD)	Report	ND
	CBDV	TM-009 (HPLC-DAD)	Report	0.002
	CBG	TM-009 (HPLC-DAD)	Report	ND
	CBN	TM-009 (HPLC-DAD)	Report	ND
	Other (Highest)	TM-009 (HPLC-DAD)	Report	0.002
	Total	TM-009 (HPLC-DAD)	Report	0.004
Total Cannabinoids (CBD plus total RCs, % w/w)	TM-009 (HPLC-DAD)	Report	0.630	N/A
Pesticides	Individual Pesticide Content Test List <sup>2</sup> LC-MS <sup>3</sup>	Conforms <sup>2</sup>	<LOQ	Pass
Elemental Impurities (ppm)	Arsenic	ICP-MS <sup>3</sup>	< 1.0 ppm	<LOQ
	Cadmium	ICP-MS <sup>3</sup>	< 0.4 ppm	<LOQ
	Lead	ICP-MS <sup>3</sup>	< 0.5 ppm	0.018
	Mercury (Total)	ICP-MS <sup>3</sup>	< 0.2 ppm	<LOQ

<sup>1</sup> Number of replicates: 12

<sup>2</sup> Full list of individual pesticide residues on file, Eurofins LOQ of 0.1 ppm for individual residues.

<sup>3</sup> Contract testing performed by Eurofins BioDiagnostics.

## Prepared by

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