

Certificate of Analysis

Final Product: Gummies

Lot Number: PB2005F159

Strength: 25 mg

Flavor: Assorted

Date of Manufacture: 11/2019

Test	Methodology	Specification	Test Results (Average) ¹	Pass/Fail	
Color and Appearance	Lemon Lime	TM-004 (Visual)	Light green/aqua sugar coated gummy cube	Conforms	Pass
	Mango		Mid orange/yellow sugar coated gummy cube		
	Raspberry		Pink sugar coated gummy cube		
	Strawberry		Opaque purple sugar coated gummy cube		
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	N/A
	THCA	TM-009 (HPLC-DAD)	Report	ND	N/A
	Total THC	TM-009 (HPLC-DAD)	≤ 0.3%	ND	Pass
THCV Content (% w/w)	THCV	TM-009 (HPLC-DAD)	≤ 0.3%	ND	Pass
Related Cannabinoid Content (%w/w)	CBDA	TM-009 (HPLC-DAD)	Report	ND	N/A
	CBDV	TM-009 (HPLC-DAD)	Report	0.002	N/A
	CBG	TM-009 (HPLC-DAD)	Report	ND	N/A
	CBN	TM-009 (HPLC-DAD)	Report	ND	N/A
	Other (Highest)	TM-009 (HPLC-DAD)	Report	0.002	N/A
	Total	TM-009 (HPLC-DAD)	Report	0.004	N/A
Total Cannabinoids (CBD plus total RCs, % w/w)	TM-009 (HPLC-DAD)	Report	0.630	N/A	
Pesticides	Individual Pesticide Content Test List ²	LC-MS ³	Conforms ²	<LOQ	Pass
Elemental Impurities (ppm)	Arsenic	ICP-MS ³	< 1.0 ppm	<LOQ	Pass
	Cadmium	ICP-MS ³	< 0.4 ppm	<LOQ	Pass
	Lead	ICP-MS ³	< 0.5 ppm	0.018	Pass
	Mercury (Total)	ICP-MS ³	< 0.2 ppm	<LOQ	Pass

¹ Number of replicates: 12

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

³ Contract testing performed by Eurofins BioDiagnostics.

Quality Approval

Josh Harrelson

Digitally signed by Josh Harrelson
Date: 2020.06.10 12:06:33 -06'00'