ProVerde LABORATORIES

Certificate of Analysis

Certificate ID: **114168**
Client Sample ID: **Mandarin Sour**
Lot Number: **0301**
Matrix: **Edibles-Gummy**

Received: **3/6/23**

Scan QR Code for authenticity

CANNAFLOWER
40 University Way, Unit 40
Brattleboro , VT 05301

Authorization:	Signature:	Date:
Chris Hudalla, Chief Science Officer	*Christopher Hudalla*	3/14/2023

PJLA Testing
Accreditation
80585

The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

CN: Cannabinoid Profile & Potency [WI-10-17 & WI-10-17-01]

Analyst: SD   *Test Date: 3/13/2023*

The client sample was analyzed for plant-based cannabinoids by Liquid Chromatography (LC). The collected data was compared to data collected for certified reference standards at known concentrations.

114168-CN

ID	Weight %	Concentration (mg/gummy)
Δ9-THC	0.0094	0.447
THCV	ND	ND
CBD	0.0842	4.01
CBDV	ND	ND
CBG	0.0105	0.500
CBC	0.0049	0.233
CBN	ND	ND
THCA	0.0072	0.343
CBDA	0.294	14.0
CBGA	0.0318	1.51
CBDVA	<LOQ	<LOQ
Δ8-THC	ND	ND
exo-THC	ND	ND
Total	0.442	21.0
Max THC	0.0157	0.748
Max CBD	0.342	16.3

0% — Cannabinoids (wt%) — 0.294%

Limit of Quantitation (LOQ) = 0.0026 wt%
Limit of Detection (LOD) = 0.0009 wt%

Ratio of Total CBD to THC   21.8:1

Max THC (and Max CBD) are calculated values for total cannabinoids after heating, assuming complete decarboxylation of the acid to the neutral form. It is calculated based on the weight loss of the acid group during decarboxylation: $MAX\ THC = (0.877 \times THCA) + THC$. This calculation does not include other cannabinoid isomers (eg. D8-THC and exo-THC). ND=None detected above the limits of detection (LOD), which is one third of Limit of Quantification (LOQ). For values reported as "<LOQ", the estimated value is included in the calculated Total.

END OF REPORT