



Accreditation #120090

Proficiency Testing:
ATSM & PHENOVA



ANALYTICAL

Delta 9 Analytical

Professional, Accurate, Responsive

Laboratory Location

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NC Controlled Substance License #: NC-DHHS-1004369
DEA Controlled Substance License #: RD0577986

Client Name: **Tranquil Products**
Client Address:

Sample ID: **16816**
Received Date: 08122024
Reported Date: 08142024
Test(s) Ordered: **Cannabinoids**

Sample Name: **D9/CBD 1 to 1 Gummy**
Sample Type: Edible
Sample Matrix: **Gummy/Extract**
Sample Size: 5.64g Test Size: 5.64g

CANNABINOID SUMMARY

TOTAL CANNABINOIDS: 0.4737%
4.737 mg/g (**27 mgs**)

CBD: 2.122 mg/g (12 mgs)

TOTAL THC: 0.2466%

Δ9-THC: 2.466 mg/g (14 mgs)



*NOTE: Only the **LIGHT BLUE** gummy tested by the laboratory.*

CANNABINOIDS (Liquid Chromatography Mass Spectrometry - LCMS)

MOISTURE (loss on drying): **NT**

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
Cannabinol (CBN)	ND	ND	0.004
Δ8-THC	ND	ND	0.004
Cannabichromene (CBC)	ND	ND	0.004
Cannabigerol (CBG)	0.0149	0.1494	0.004
Cannabidiol (CBD)	0.2122	2.122	0.004
Cannabigerolic Acid (CBGA)	ND	ND	0.004
Cannabidivarin (CBDV)	ND	ND	0.004
Cannabidivarin Acid (CBDVA)	ND	ND	0.004
Cannabicitran (CBT)	ND	ND	0.004
6aR,9S-Δ10-THC	ND	ND	0.004
6aR,9R-Δ10-THC	ND	ND	0.004
THC-O-Acetate (THCO)	ND	ND	0.004
THCp	ND	ND	0.004

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
9S-Hexahydrocannabinol (HHCS)	ND	ND	0.004
9R-Hexahydrocannabinol (HHCR)	ND	ND	0.004
Cannabidolic Acid (CBDA)	ND	ND	0.004
Δ9-THC Acid (THCA)	ND	ND	0.004
THC-varian (THCV)	ND	ND	0.004
***Δ9-THC	0.2466	2.466	0.004
**TOTAL CANNABINOIDS	0.4737	4.737	
*TOTAL THC	0.2466	2.466	
*TOTAL CBD	0.2122	2.122	
*TOTAL CBG	0.0149	0.1494	
*TOTAL CBDV	ND	ND	
TOTAL Δ10-THC	ND	ND	
TOTAL HHC	ND	ND	

Calculated as follows: Total CBD/G/V = CBDA/GA/VA% (0.877) + CBD/G/V%. Total THC = THCA%(0.877) + Δ9-THC%. **Total Cannabinoids is the absolute sum of all cannabinoids detected. **ND = Not Detected; NT = Not Tested**

RESULT CERTIFICATION

08142024

Frank P. Mauro/Michael R. Horton/Brittany A. Meggs

Frank P. Mauro COO/Michael R. Horton CSO/Brittany A. Meggs LM & Date

Scan QR Code to verify COA at www.delta9analytical.com

Testing results are based solely upon the sample submitted to Delta 9 Analytical, LLC. (D9A) In the condition it was received. D9A warrants that all analytical work is conducted professionally in accordance with all applicable standard practices using validated methods utilizing certified reference standards. ***The measurement of uncertainty = 0.04985%. This report may not be reproduced, except in full, without the written approval of D9A. Test(s) Ordered: C=Cannabinoids.