

August 12, 2024

TNT MANUFACTURING LLC DBA MITWELLNESS
2857 SW 40 Hwy
Blue Springs, MO 64015

Order No. 559433
Sample No. 1235468

SAMPLE INFORMATION

Description black cherry shot
Lot Number 20%
Received August 05, 2024
Max Daily Intake (g) 1

ANALYTICAL RESULTS

Analysis Heavy Metals ✔ Pass
Instrument Inductively Coupled Plasma Mass Spectrometry (ICP-MS)
Method MF-CHEM-16
Analysis Date August 05, 2024 to August 12, 2024

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Intake (µg/day)	Limit (µg/day)
Arsenic	0.02/0.05	ND	0	10
Cadmium	0.02/0.05	ND	0	4.1
Mercury	0.02/0.05	ND	0	2
Lead	0.02/0.05	ND	0	10

Reported by
Anresco, Inc.

ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation



Cynthia Kushi
Lab Co Director

August 12, 2024

If there are any questions with this report, please contact "compliance@anresco.com".

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ANALYTICAL RESULTS

Analysis Date August 05, 2024 to August 12, 2024

Findings	Analysis	Results	Method
	E. coli	Negative /1g	FDA BAM Modified
	Enterobacteriaceae	<10 cfu/g	AOAC 2003.01
	Salmonella	Negative /1g	AOAC 2013.01
	Standard Plate Count	<100 cfu/g	FDA BAM
	Yeast	<10 cfu/g	FDA BAM
	Mold	<10 cfu/g	FDA BAM

Reported by
Anresco, Inc.


Allen Zhu
Analyst



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page 1 of 1

August 09, 2024

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SAMPLE INFORMATION

Description black cherry shot
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ANALYTICAL RESULTS

Analysis Alkaloid Profile
Instrument Liquid Chromatography Diode Array Detector (LC-DAD)
Method MF 12D030
Analysis Date August 05, 2024 to August 09, 2024

Alkaloid	mg/g	%	mg/ml
Mitragynine	7.79	0.78	8.01
7-Hydroxymitragynine	ND	ND	ND
Total Alkaloids	7.79	0.78	8.01

Comments Density: 1.02880 g/mL

Reported by
Anresco, Inc.

ND = None Detected
LOD = Limit of Detection (0.04 mg/g)
LOQ = Limit of Quantitation (0.1 mg/g)


Ali Sweeney
Analyst II



August 09, 2024

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