

Date: **June 17, 2022**

Product Strain:

Rainbow Barb
 - Live Rosin

 Lot #: **22049**

Final Report(s): Quality Analytical Services – full panel

Test Description	Method Reference	Specification Limit	Result
Total Aerobic Bacteria Count	PCR & qPCR EP 2.6.12	≤500,000 cfu/g	<10 cfu/g
Total Yeast and Mold Count		≤50,000 cfu/g	<10 cfu/g
Bile-Tolerant Gram-Negative Bacteria	PCR & qPCR EP 2.6.31	<10,000 cfu/g (MPN/g)	<10 MPN/g
E. coli		0/1g (absent)	Absent
Salmonella		0/25g (absent)	Absent
Aflatoxin B1	LC/MS/MS QASM028 USP561 / EP2.8.18	<5 µg/kg	< 5 µg/kg
Total Aflatoxins (sum of B1, B2, G1, G2)		<20 µg/kg	< 20 µg/kg
Arsenic	ICP/MS QASM011 USP233/561 EP2.4.27	< 2.0 µg/g	< 0.025 µg/g
Cadmium		< 0.5 µg/g	< 0.020 µg/g
Lead		< 5.0 µg/g	0.027 µg/g
Mercury		< 1.0 µg/g	< 0.005 µg/g
Pesticides	LC/MS/MS and GC/MS/MS QASM028 USP561 / EP2.8.13	< HC Reporting Limits	All < LOQ*
Loss on Drying (Moisture)	USP 731 / EP2.2.32 QASM027	No tolerance limit	16%
Foreign Matter	QASM029 USP561 / EP 2.8.2	NMT 2% (m/m)	ND*
Residual Solvent	n/a	n/a	Not Tested



Quality Assurance Person

ND* = Not Detected

LOQ* = Limit of Qualification

Test Description	Method Reference	Specification Limit	Result
THC Content (Δ -9 tetrahydrocannabinol)	HPLC & UHPLC QASM025 USP621/736 EP2.2.29	No tolerance limit (% w/w)	39.9 mg/g
THCA Content (Δ -9 tetrahydrocannabinol acid)			754.2 mg/g
CBD (Cannabidiol)			< 0.1 mg/g
CBDA (Cannabidiol Acid)			2.6 mg/g
Total THC (THCA*0.877 + THC)			701.3 mg/g
Total CBD (CBDA*0.877 + CBD)			2.3 mg/g
Terpenes	IOFI (International Organization of the Flavor Industry)	No tolerance limit	Total Terpenes: n/a
			Other:

Elizabeth Jones
 Quality Assurance Person

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