

Certificate of Analysis

Document Number: QTY-011-02	Revision: 00	Effective Date: May 4, 2022
Prepared By: <i>[Signature]</i> Date: May 3, 2022	Reviewed By: <i>[Signature]</i> Date: May 3, 2022	Approved By: <i>[Signature]</i> Date: May 3, 2022

Product:	1:1 THC:CBD Blended Vape Resin	Lot Number:	000138
Intermediate Lot Number:	Rainbow Driver Cured Resin: 000106 , Hemp Cured Resin: 000107 , Decarbed Rainbow Driver Resin: D000106.02 Client Sample ID: CS-040-24	P.O.D.:	N/A
		Flower Lot Number:	Supplier Biomass Lot #s: RDJS-010, RDJS-014, 21KEL.UMP
			Pantheon Biomass Lot #s: IN-000034, OD-000041

Cannabinoids **Date of Analysis: 02/February/2024**

Analyte	Specification	Method	Result (mg/g)	Evaluation
Total THC ($\Delta 9\text{-THC} + \Delta 9\text{THCA} \times 0.877$)	As reported	Lab Method	419.3	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Total CBD ($\text{CBD} + \text{CBDA} \times 0.877$)	As reported	Lab Method	411.7	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
$\Delta 9\text{-Tetrahydrocannabinolic Acid}$ ($\Delta 9\text{-THCA}$)	As reported	Lab Method	6.08	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
$\Delta 9\text{-Tetrahydrocannabinol}$ ($\Delta 9\text{-THC}$)	As reported	Lab Method	414.02	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cannabidiolic Acid (CBDA)	As reported	Lab Method	334.34	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cannabidiol (CBD)	As reported	Lab Method	118.47	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cannabigerolic Acid (CBGA)	As reported	Lab Method	BLQ	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cannabigerol (CBG)	As reported	Lab Method	9.61	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cannabichromene (CBC)	As reported	Lab Method	11.94	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
$\Delta 8\text{-Tetrahydrocannabinol}$ ($\Delta 8\text{-THC}$)	As reported	Lab Method	BLQ	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cannabinol (CBN)	As reported	Lab Method	2.95	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cannabidivarin (CBDV)	As reported	Lab Method	BLQ	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Tetrahydrocannabivarin (THCV)	As reported	Lab Method	BLQ	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Total Cannabinoids	As reported	Lab Method	915.3	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

Terpenes **Date of Analysis: 02/February/2024**

Analyte	Specification	Method	Result (wt%)	Evaluation
Beta-myrcene	As reported	Lab Method	1.233	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Beta-caryophyllene	As reported	Lab Method	1.095	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Farnesene Isomers	As reported	Lab Method	0.730	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Linalool	As reported	Lab Method	0.666	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Limonene	As reported	Lab Method	0.640	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Total Terpenes	As reported	Lab Method	2.010	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

Pesticides **Date of Analysis: 02/February/2024**

Analyte	Specification	Method	Result (ppm)	Evaluation
Pesticides	Health Canada Set Limits	Lab Method	All pass	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

Heavy Metals **Date of Analysis: 02/February/2024**

Analyte	Specification (USP 232 Inhalation)	Method	Result (ppm)	Evaluation
Arsenic (As)	<0.2 ppm	USP 233	0.0039	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cadmium (Cd)	<0.3 ppm	USP 233	0.0005	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Lead (Pb)	<0.5 ppm	USP 233	0.0084	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Mercury (Hg)	<0.1 ppm	USP 233	0.0780	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

Residual Solvents **Date of Analysis: 02/February/2024**

Analyte	Specification	Method	Result (ppm)	Evaluation
Ethanol	<5000 ppm	USP 467	BLQ, <50	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Isopropanol	<5000 ppm	USP 467	BLQ, <50	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Butane	<5000 ppm	USP 467	BLQ, <50	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Propane	<5000 ppm	USP 467	BLQ, <50	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Pentane	<5000 ppm	USP 467	BLQ, <50	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

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Microbes

Analyte	Specification (EP 5.6 5.1.4 Inhalation)	Method	Result	Evaluation
Total Aerobic Microbial Count	100 CFU/g	EP 2.6.12, EP 2.6.13	ND, <10 CFU/g	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Total Yeast and Mold Count	10 CFU/g	EP 2.6.12, EP 2.6.13	ND, <10 CFU/g	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Bile-Tolerant Gram-Negative Bacteria	Absent in 1g	EP 2.6.12, EP 2.6.13	Absent in 1g	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
<i>S. aureus</i>	Absent in 1g	EP 2.6.12, EP 2.6.13	Absent in 1g	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
<i>P. aeruginosa</i>	Absent in 1g	EP 2.6.12, EP 2.6.13	Absent in 1g	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

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Aflatoxins

Analyte	Specification	Method	Result (ppb)	Evaluation
Aflatoxin B1	<5 ppb	USP 561	ND, <1	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Total Aflatoxin (B1, B2, G1, G2)	<20ppb	USP 561	ND, <4	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

I hereby attest that the above information is authentic and accurate. I further attest that the batch processing, packaging and analysis records were reviewed and found to be in compliance with all applicable regulations, including Part 5 (Good Production Practices) of the Cannabis Regulations, and we therefore deem this product acceptable for sale.

ND = Not Detected, RL = Reporting Limit, BLQ/<LOQ = Below Limit of Quantification, NMT = No More Than

Aidan O'Neill, AQAP

Date

Revision History

Revision	Change Control	Effective Date	Section	Summary of Revision
00	CC-2022-001	May 4, 2022	All	Initial release