

KCA Laboratories 232 North Plaza Drive Nicholasville, KY 40356

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Client

Rush Hemp Farms

1 of 1

750mg Full SpectrumPhytocannabinoid Tincture Sample ID: SA-250528-62669 Batch: NA Received: 05/28/2025

Batch: NA Type: Finished Product - Topical Matrix: Oil / Liquid - Alcohol (Tincture) Unit Mass (g):		Received: 05/28/2025 Completed: 06/06/2025		3408 Best Rd Maryville, TN 37803 USA Lic. #: EDIY-BQNNJN	
	ł		Summary Test Cannabinoids	Date Tested 06/06/2025	Status Tested
0.398 mg/mL	18.6 mg/mL	25.3 mg/mL	Not Tested	Not Tested	Yes
Total ∆9-THC	CBD	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization
Cannabinoids b	y HPLC-PDA ह	and GC-MS/MS			
Analyte	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (%)	Result (mg/unit)
СВС	0.00095	0.00284	0.8418	0.0897	25.3
CBCA	0.00181	0.00543	ND	ND	ND
CBCV	0.0006	0.0018	0.0206	0.00219	0.618
CBD	0.00081	0.00242	18.576	1.98	557
CBDA	0.00043	0.0013	ND	ND	
		0.0010	ND	ND	ND
	0.00061	0.00182	0.1671	0.0178	ND 5.01
BDVA	0.00021	0.00182 0.00063	0.1671 ND	0.0178 ND	5.01 ND
CBDVA CBG	0.00021 0.00057	0.00182 0.00063 0.00172	0.1671 ND 0.5322	0.0178 ND 0.0567	5.01 ND 16.0
CBDVA CBG CBGA	0.00021 0.00057 0.00049	0.00182 0.00063 0.00172 0.00147	0.1671 ND 0.5322 ND	0.0178 ND 0.0567 ND	5.01 ND 16.0 ND
CBDVA CBG CBGA CBL	0.00021 0.00057 0.00049 0.00112	0.00182 0.00063 0.00172 0.00147 0.00335	0.1671 ND 0.5322 ND 0.054	0.0178 ND 0.0567 ND 0.00575	5.01 ND 16.0 ND 1.62
EBDVA EBG EBGA EBL EBLA	0.00021 0.00057 0.00049 0.00112 0.00124	0.00182 0.00063 0.00172 0.00147 0.00335 0.00371	0.1671 ND 0.5322 ND 0.054 ND	0.0178 ND 0.0567 ND 0.00575 ND	5.01 ND 16.0 ND 1.62 ND
BDVA BG BGA BL BLA BN	0.00021 0.00057 0.00049 0.00112 0.00124 0.00056	0.00182 0.00063 0.00172 0.00147 0.00335 0.00371 0.00371 0.00169	0.1671 ND 0.5322 ND 0.054 ND 0.1229	0.0178 ND 0.0567 ND 0.00575 ND 0.0131	5.01 ND 16.0 ND 1.62 ND 3.69
BDVA BG BGA BL BLA BN BNA	0.00021 0.00057 0.00049 0.00112 0.00124 0.00056 0.0006	0.00182 0.00063 0.00172 0.00147 0.00335 0.00371 0.00169 0.00181	0.1671 ND 0.5322 ND 0.054 ND 0.1229 ND	0.0178 ND 0.0567 ND 0.00575 ND 0.0131 ND	5.01 ND 16.0 ND 1.62 ND 3.69 ND
BDVA BG BGA BL BLA BN BNA BT	0.00021 0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018	0.00182 0.00063 0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054	0.1671 ND 0.5322 ND 0.054 ND 0.1229 ND ND	0.0178 ND 0.0567 ND 0.00575 ND 0.0131 ND ND ND	5.01 ND 16.0 ND 1.62 ND 3.69 ND ND
CBDVA CBG CBGA CBL CBLA CBN CBNA CBNA CBT A4,8-iso-THC	0.00021 0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018 0.00067	0.00182 0.00063 0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.002	0.1671 ND 0.5322 ND 0.054 ND 0.1229 ND ND ND ND	0.0178 ND 0.0567 ND 0.00575 ND 0.0131 ND ND ND ND	5.01 ND 16.0 ND 1.62 ND 3.69 ND ND ND ND
BDVA BG BGA BL BLA BNA BNA BT 44,8-iso-THC 8-iso-THC	0.00021 0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018 0.00067 0.00067	0.00182 0.00063 0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.002 0.002	0.1671 ND 0.5322 ND 0.054 ND 0.1229 ND ND ND ND ND	0.0178 ND 0.0567 ND 0.00575 ND 0.0131 ND ND ND ND ND ND	5.01 ND 16.0 ND 1.62 ND 3.69 ND ND ND ND ND ND
BDVA BG BGA BL BLA BN BNA BT 4,8-iso-THC 8-iso-THC 8-THC	0.00021 0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018 0.00067 0.00067 0.00067	0.00182 0.00063 0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.002 0.002 0.002 0.002 0.00312	0.1671 ND 0.5322 ND 0.054 ND 0.1229 ND ND ND ND ND ND 4.6021	0.0178 ND 0.0567 ND 0.00575 ND 0.0131 ND ND ND ND ND ND 0.490	5.01 ND 16.0 ND 1.62 ND 3.69 ND ND ND ND ND ND ND 138
CBDVA CBG CBGA CBL CBLA CBN CBNA CBNA CBT A4,8-iso-THC A8-iso-THC A8-THC A8-THCV	0.00021 0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018 0.00067 0.00067 0.00067 0.00104 0.00067	0.00182 0.00063 0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.002 0.002 0.002 0.002 0.00312 0.002	0.1671 ND 0.5322 ND 0.054 ND 0.1229 ND ND ND ND ND 4.6021 0.0226	0.0178 ND 0.0567 ND 0.00575 ND 0.0131 ND ND ND ND ND 0.490 0.00241	5.01 ND 16.0 ND 1.62 ND 3.69 ND ND ND ND ND 138 0.678
CBDVA CBG CBGA CBL CBLA CBN CBNA CBN CBNA CBT A4,8-iso-THC A8-iso-THC A8-THC A8-THCV A9-THC	0.00021 0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018 0.00067 0.00067 0.00067 0.00104 0.00067 0.00076	0.00182 0.00063 0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.002 0.002 0.002 0.002 0.002 0.002 0.00227	0.1671 ND 0.5322 ND 0.054 ND 0.1229 ND ND ND ND ND 4.6021 0.0226 0.3975	0.0178 ND 0.0567 ND 0.00575 ND 0.0131 ND ND ND ND ND 0.490 0.00241 0.0423	5.01 ND 16.0 ND 1.62 ND 3.69 ND ND ND ND ND 138 0.678 11.9
CBDVA CBG CBGA CBL CBLA CBN CBNA CBN CBNA CBT A4,8-iso-THC A8-iso-THC A8-THC A8-THC A9-THC A9-THC A9-THCA	0.00021 0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018 0.00067 0.00067 0.00067 0.00104 0.00067 0.00076 0.00076 0.00084	0.00182 0.00063 0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.002 0.002 0.002 0.002 0.002 0.002 0.00227 0.00227 0.00251	0.1671 ND 0.5322 ND 0.054 ND 0.1229 ND ND ND ND ND 4.6021 0.0226 0.3975 ND	0.0178 ND 0.0567 ND 0.00575 ND 0.0131 ND ND ND ND ND 0.490 0.00241 0.0423 ND	5.01 ND 16.0 ND 1.62 ND 3.69 ND ND ND ND 138 0.678 11.9 ND
CBDVA CBG CBGA CBL CBLA CBN CBNA CBN CBNA CBT A4,8-iso-THC A8-iso-THC A8-THC A8-THC A8-THCV A9-THC A9-THCA A9-THCV	0.00021 0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018 0.00067 0.00067 0.00067 0.00067 0.00076 0.00076 0.00076 0.00084 0.00069	0.00182 0.00063 0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.002 0.002 0.002 0.002 0.002 0.00227 0.00227 0.00251 0.00206	0.1671 ND 0.5322 ND 0.054 ND 0.1229 ND ND ND ND 4.6021 0.0226 0.3975 ND ND ND	0.0178 ND 0.0567 ND 0.00575 ND 0.0131 ND ND ND ND ND 0.490 0.00241 0.0423 ND ND ND	5.01 ND 16.0 ND 1.62 ND 3.69 ND ND ND ND 138 0.678 11.9 ND ND ND ND
CBDVA CBG CBGA CBL CBLA CBNA CBNA CBT V4,8-iso-THC V4,8-THC V4,8-THC	0.00021 0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018 0.00067 0.00067 0.00067 0.000076 0.00076 0.00076 0.00084 0.00069 0.00062	0.00182 0.00063 0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.002 0.002 0.002 0.002 0.002 0.00227 0.00227 0.00251 0.00206 0.00186	0.1671 ND 0.5322 ND 0.054 ND 0.1229 ND ND ND ND 4.6021 0.0226 0.3975 ND ND ND ND ND ND ND	0.0178 ND 0.0567 ND 0.00575 ND 0.0131 ND ND ND ND 0.490 0.00241 0.0423 ND ND ND 0.0423 ND ND ND ND ND ND	5.01 ND 16.0 ND 1.62 ND 3.69 ND ND ND ND 138 0.678 11.9 ND ND ND ND ND ND
CBDV CBDVA CBG CBGA CBL CBLA CBN CBNA CBN CBNA CBT A4,8-iso-THC A8-iso-THC A8-THC A8-THCV A9-THC A9-THCA A9-THCV A9-THCV A9-THCV A9-THCV A9-THCV A9-THC A9-THC	0.00021 0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018 0.00067 0.00067 0.00067 0.00067 0.00076 0.00076 0.00076 0.00084 0.00069	0.00182 0.00063 0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.002 0.002 0.002 0.002 0.002 0.00227 0.00227 0.00251 0.00206	0.1671 ND 0.5322 ND 0.054 ND 0.1229 ND ND ND ND 4.6021 0.0226 0.3975 ND ND ND	0.0178 ND 0.0567 ND 0.00575 ND 0.0131 ND ND ND ND ND 0.490 0.00241 0.0423 ND ND ND	5.01 ND 16.0 ND 1.62 ND 3.69 ND ND ND ND 138 0.678 11.9 ND ND ND ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ 9-THC = Δ 9-THCA * 0.877 + Δ 9-THC; Total CBD = CBDA * 0.877 + CBD;

Generated By: Ryan Bellone Commercial Director Date: 06/06/2025

Tested By: Scott Caudill Laboratory Manager Date: 06/06/2025



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