

KCA Laboratories 232 North Plaza Drive Nicholasville, KY 40356

+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P_0058

1 of 1

500mg Full Spectrum Phytocannabinoid Tincture

ample ID: SA-250528-62668 Batch: NA ype: Finished Product - Topical Matrix: Oil / Liquid - Alcohol (Tincture) Jnit Mass (g):		Received: 05/28/2025 Completed: 06/04/2025		Client Rush Hemp Farms 3408 Best Rd Maryville, TN 37803 USA Lic. #: EDIY-BQNNJN	
			Summary Test Cannabinoids	Date Tested 06/04/2025	Status Tested
0.705 mg/mL	18.1 mg/mL	20.9 mg/mL	Not Tested	Not Tested	Yes
Total Δ9-THC	Total CBD	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization
annabinoids b	y HPLC-PDA				
nalyte	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (%)	Result (mg/unit)
BC	0.00095	0.00284	0.83264	0.0867	25.0
BCA	0.00181	0.00543	ND	ND	ND
BCV	0.0006	0.0018	ND	ND	ND
3D	0.00081	0.00242	18.12058	1.89	544
BDA	0.00043	0.0013	ND	ND	ND
BDV	0.00061	0.00182	0.31971	0.0333	9.59
	0.00021	0.00063	ND	ND	ND
BDVA					
ЗG	0.00057	0.00172	0.5968	0.0621	17.9
BG BGA	0.00057 0.00049	0.00172 0.00147	0.5968 ND	0.0621 ND	ND
BG BGA BL	0.00057 0.00049 0.00112	0.00172 0.00147 0.00335	0.5968 ND 0.05212	0.0621 ND 0.00543	ND 1.56
BG BGA BL BLA	0.00057 0.00049 0.00112 0.00124	0.00172 0.00147 0.00335 0.00371	0.5968 ND 0.05212 ND	0.0621 ND 0.00543 ND	ND 1.56 ND
BG BGA BL BLA BN	0.00057 0.00049 0.00112 0.00124 0.00056	0.00172 0.00147 0.00335 0.00371 0.00169	0.5968 ND 0.05212 ND 0.18272	0.0621 ND 0.00543 ND 0.0190	ND 1.56 ND 5.48
BG BGA BL BLA BN BNA	0.00057 0.00049 0.00112 0.00124 0.00056 0.0006	0.00172 0.00147 0.00335 0.00371 0.00169 0.00181	0.5968 ND 0.05212 ND 0.18272 ND	0.0621 ND 0.00543 ND 0.0190 ND	ND 1.56 ND 5.48 ND
BG BGA BL BLA BN BNA BT	0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018	0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054	0.5968 ND 0.05212 ND 0.18272 ND 0.13343	0.0621 ND 0.00543 ND 0.0190 ND 0.0139	ND 1.56 ND 5.48 ND 4.00
BG BGA BL BLA BN BNA BT 4,8-iso-THC	0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018 0.0067	0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.02	0.5968 ND 0.05212 ND 0.18272 ND 0.13343 NT	0.0621 ND 0.00543 ND 0.0190 ND 0.0139 NT	ND 1.56 ND 5.48 ND 4.00 NT
BG BGA BL BLA BN BNA BT 4,8-iso-THC B-iso-THC	0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018 0.0067 0.0067	0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.02 0.02	0.5968 ND 0.05212 ND 0.18272 ND 0.13343 NT NT	0.0621 ND 0.00543 ND 0.0190 ND 0.0139 NT NT	ND 1.56 ND 5.48 ND 4.00 NT NT
BG BGA BL BLA BN BNA BT 4,8-iso-THC 3-iso-THC 3-THC	0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018 0.0067 0.0067 0.0067	0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.02 0.02 0.02 0.02 0.00312	0.5968 ND 0.05212 ND 0.18272 ND 0.13343 NT NT NT ND	0.0621 ND 0.00543 ND 0.0190 ND 0.0139 NT NT NT	ND 1.56 ND 5.48 ND 4.00 NT NT ND
BG BGA BL BLA BN BNA BT 4,8-iso-THC B-iso-THC B-THC B-THC	0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018 0.0067 0.0067 0.00104 0.0067	0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.02 0.02 0.02 0.00312 0.02	0.5968 ND 0.05212 ND 0.18272 ND 0.13343 NT NT NT ND NT	0.0621 ND 0.00543 ND 0.0190 ND 0.0139 NT NT NT ND NT	ND 1.56 ND 5.48 ND 4.00 NT NT ND NT
BG BGA BL BLA BN BNA BT 4,8-iso-THC B-iso-THC B-THC B-THC B-THC D-THC	0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018 0.0067 0.0067 0.00104 0.0067 0.00076	0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.02 0.02 0.002 0.00312 0.02 0.002 0.0027	0.5968 ND 0.05212 ND 0.18272 ND 0.13343 NT NT NT ND NT 0.70474	0.0621 ND 0.00543 ND 0.0190 ND 0.0139 NT NT ND NT 0.0734	ND 1.56 ND 5.48 ND 4.00 NT NT ND NT 21.1
BG BGA BL BLA BN BNA BT 4,8-iso-THC B-iso-THC B-THC B-THC D-THC D-THC	0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018 0.0067 0.0067 0.00104 0.0067 0.00076 0.00076 0.00084	0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.02 0.002 0.00312 0.02 0.00312 0.02 0.0027 0.00227 0.00251	0.5968 ND 0.05212 ND 0.18272 ND 0.13343 NT NT NT ND NT 0.70474 ND	0.0621 ND 0.00543 ND 0.0190 ND 0.0139 NT NT ND NT 0.0734 ND	ND 1.56 ND 5.48 ND 4.00 NT NT ND NT 21.1 ND
BG BGA BL BLA BN BNA BT 4,8-iso-THC B-iso-THC B-THC B-THC D-THC D-THC D-THCA D-THCV	0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018 0.0067 0.0067 0.0067 0.00076 0.00076 0.00084 0.00069	0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.02 0.002 0.00312 0.02 0.00312 0.02 0.00227 0.00227 0.00251 0.00206	0.5968 ND 0.05212 ND 0.18272 ND 0.13343 NT NT NT ND NT 0.70474 ND ND	0.0621 ND 0.00543 ND 0.0190 ND 0.0139 NT NT NT ND NT 0.0734 ND ND	ND 1.56 ND 5.48 ND 4.00 NT NT ND NT 21.1 ND ND
BG BGA BL BLA BN BNA BN BNA BT 4,8-iso-THC B-THC B-THC B-THC D-THC D-THC D-THCA D-THCV D-THCV D-THCVA	0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018 0.0067 0.0067 0.00104 0.0067 0.00076 0.00084 0.00069 0.00062	0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.02 0.002 0.002 0.00312 0.002 0.00227 0.00227 0.00251 0.00206 0.00186	0.5968 ND 0.05212 ND 0.18272 ND 0.13343 NT NT NT ND NT 0.70474 ND ND ND ND	0.0621 ND 0.00543 ND 0.0190 ND 0.0139 NT NT ND NT 0.0734 ND ND ND ND	ND 1.56 ND 5.48 ND 4.00 NT NT ND NT 21.1 ND ND ND ND
BG BGA BL BLA BN BNA BT 4,8-iso-THC B-iso-THC B-THC B-THC D-THC D-THC D-THCA D-THCV	0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018 0.0067 0.0067 0.00104 0.0067 0.00076 0.00084 0.00069	0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.02 0.002 0.00312 0.02 0.00312 0.02 0.00227 0.00227 0.00251 0.00206	0.5968 ND 0.05212 ND 0.18272 ND 0.13343 NT NT NT ND NT 0.70474 ND ND	0.0621 ND 0.00543 ND 0.0190 ND 0.0139 NT NT NT ND NT 0.0734 ND ND	ND 1.56 ND 5.48 ND 4.00 NT NT ND NT 21.1 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: 06/04/2025

Tested By: Nicholas Howard

ested By: Nicholas Howard Scientist Date: 06/04/2025



This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.