KCA Laboratories 232 North Plaza Drive Nicholasville, KY 40356

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Pinnacle Hemp 480mg Coffee

kca

nple ID: SA-230203-165 cch: 56 be: Finished Products trix: Edible - Other it Mass (g): 226.79	2 Received: 02/06/2023 Completed: 02/13/2023		Client Pinnacle Hemp 2900 Davis Blvd Joplin, MO 64804 USA		
	COFFEE COLOMBIA ARABICA BEDIUM ROAST IVELY GROUPD IVEL SPECTRUM COLUMNER		Summary Test Cannabinoids	Date Tested 02/13/2023	Status Tested
0.00778 %	0.246 %	0.256 %	Not Tested	Not Tested	Yes
Total <u>A</u> 9-THC		Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization
	Total CBD y HPLC-PDA, LC- LOD (%)	-MS/MS, and/o	or GC-MS/MS	Result	
annabinoids b	y HPLC-PDA, LC	-MS/MS, and/o	or GC-MS/MS		Normalization
annabinoids b	y HPLC-PDA, LC LOD (%)	-MS/MS, and/o	or GC-MS/MS	Result (%)	Result (mg/unit)
annabinoids b	y HPLC-PDA, LC LOD (%) 0.00095	-MS/MS, and/o LO (% 0.002	or GC-MS/MS	Result (%) ND	Result (mg/unit) ND
alyte	y HPLC-PDA, LC LOD (%) 0.00095 0.00181	-MS/MS, and/o LO (% 0.002 0.005	or GC-MS/MS	Result (%) ND ND	Result (mg/unit) ND ND
annabinoids b alyte C CA CV D	y HPLC-PDA, LC LOD (%) 0.00095 0.00181 0.0006	-MS/MS, and/o (% 0.002 0.005 0.005	or GC-MS/MS	Result (%) ND ND ND	Normalization Result (mg/unit) ND ND ND ND
annabinoids b alyte c c c c c d d d d	y HPLC-PDA, LC LOD (%) 0.00095 0.00181 0.0006 0.00081	-MS/MS, and/c LO (% 0.002 0.005 0.002 0.002	Dr GC-MS/MS	Result (%) ND ND ND 0.229	Normalization Result (mg/unit) ND ND ND ND 520
annabinoids b	y HPLC-PDA, LC LOD (%) 0.00095 0.00181 0.0006 0.00081 0.00043	-MS/MS, and/c (% 0.002 0.005 0.002 0.002 0.002 0.002 0.002 0.002	Dr GC-MS/MS 284 443 18 242 113 82	Result (%) ND ND ND 0.229 0.0186	Normalization Result (mg/unit) ND ND ND S20 42.1
annabinoids b alyte c ca cv D D D D D D V	y HPLC-PDA, LC LOD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061	-MS/MS, and/c LO (% 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002	Dr GC-MS/MS 284 443 18 242 113 82 063	Result (%) ND ND ND 0.229 0.0186 ND	Normalization Result (mg/unit) ND ND ND 520 42.1 ND
annabinoids b alyte c ca cv d d d d v dv	y HPLC-PDA, LC LOD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021	-MS/MS, and/c LO (% 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002	Dr GC-MS/MS 284 443 18 242 113 82 063 72	Result (%) ND ND ND 0.229 0.0186 ND ND	Normalization Result (mg/unit) ND ND ND 520 42.1 ND ND ND
annabinoids b alyte C CA CV D DA DV DVA G	y HPLC-PDA, LC- LOD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00057	-MS/MS, and/c LO (% 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002	Dr GC-MS/MS 284 443 18 242 13 82 063 72 47	Result (%) ND ND ND 0.229 0.0186 ND ND ND ND	Normalization Result (mg/unit) ND ND ND 520 42.1 ND ND ND ND
annabinoids b alyte C CA CV D DA DV DVA G GA	y HPLC-PDA, LC LOD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00043 0.00061 0.00021 0.00057 0.00049	-MS/MS, and/c LO (% 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002	br GC-MS/MS 2 184 443 18 18 142 13 82 163 72 47 335	Result (%) ND ND ND 0.229 0.0186 ND ND ND ND ND ND	Normalization Result (mg/unit) ND ND ND 520 42.1 ND S20 42.1 ND ND ND ND
annabinoids b alyte C CA CV D DA DV DVA G GA L LA	y HPLC-PDA, LC LOD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00057 0.00049 0.00112	-MS/MS, and/c LO (% 0.002	br GC-MS/MS 2 184 443 18 18 142 13 82 163 72 47 335 371	Result (%) ND ND ND 0.229 0.0186 ND ND ND ND ND ND ND	Normalization Result (mg/unit) ND ND ND 520 42.1 ND ND ND ND ND ND
annabinoids b alyte C CA CV D DA DV DVA G GA L	y HPLC-PDA, LC LOD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00057 0.00049 0.00112 0.00124	-MS/MS, and/c LO (% 0.002	br GC-MS/MS 2 184 443 18 18 142 13 82 163 72 47 335 371 69	Result (%) ND ND ND 0.229 0.0186 ND ND ND	Normalization Result (mg/unit) ND ND ND 520 42.1 ND ND ND ND ND ND ND ND ND ND
annabinoids b alyte C CA CV D DA DV DVA G GA L LA N	y HPLC-PDA, LC LOD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00057 0.00049 0.00112 0.00124 0.00124 0.00056	-MS/MS, and/c LO (% 0.002	br GC-MS/MS 2 184 443 18 242 13 82 063 72 47 335 371 69 181	Result (%) ND ND ND 0.229 0.0186 ND ND ND	Normalization Result (mg/unit) ND ND ND S20 42.1 ND S20 42.1 ND ND ND ND ND ND ND ND ND ND ND ND
annabinoids b alyte C CA CV D DA DV DVA G GA L LA N NA	y HPLC-PDA, LC LOD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00057 0.00049 0.00112 0.00124 0.00124 0.00056 0.0006	-MS/MS, and/c LO (% 0.002	br GC-MS/MS 2 2 2 2 2 2 2 2 2 2 2 2 2	Result (%) ND ND ND 0.229 0.0186 ND ND ND	Normalization Result (mg/unit) ND ND ND S20 42.1 ND ND ND ND ND ND ND N
annabinoids b alyte C CA CV D DA DV DVA G GA L LA N NA T	y HPLC-PDA, LC LOD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00057 0.00049 0.00112 0.00124 0.00124 0.00056 0.0006 0.0018	-MS/MS, and/c LO (% 0.002 0.0000 0.002 0.00000000	br GC-MS/MS 2 184 443 18 242 113 82 063 72 47 335 371 69 181 54 312	Result (%) ND ND ND ND ND 0.229 0.0186 ND ND ND	Normalization Result (mg/unit) ND ND ND S20 42.1 ND S20 42.1 ND ND ND ND ND ND ND ND ND ND ND ND ND
annabinoids b	y HPLC-PDA, LC LOD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00057 0.00049 0.00112 0.00124 0.00124 0.00124 0.0018 0.0018 0.0014 0.0016	-MS/MS, and/c LO (% 0.002 0.0000 0.00000000	br GC-MS/MS 2 2 2 2 2 2 2 2 2 2 2 2 2	Result (%) ND ND ND ND ND 0.229 0.0186 ND ND ND ND <td>Result (mg/unit) ND ND ND S20 42.1 ND ND ND ND ND ND ND ND ND ND ND ND ND</td>	Result (mg/unit) ND ND ND S20 42.1 ND ND ND ND ND ND ND ND ND ND ND ND ND
alyte c ca cv D DA DV DVA G GA L LA N NA T -THC -THC -THCA	y HPLC-PDA, LC LOD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00057 0.00049 0.00112 0.00124 0.00124 0.00124 0.00056 0.0006 0.0018 0.0018 0.00104 0.0016 0.00076 0.00084	-MS/MS, and/c LO (% 0.002	br GC-MS/MS 2 184 443 18 242 13 82 063 72 47 335 371 69 181 54 312 227 251	Result (%) ND ND ND 0.229 0.0186 ND ND ND ND ND ND ND ND ND ND ND ND ND	Result (mg/unit) ND ND ND S20 42.1 ND S20 42.1 ND ND ND ND ND ND ND ND ND ND ND ND ND
alyte C C CA CV D DA DV DVA G GA L LA N NA T -THC -THC -THCA -THCV	y HPLC-PDA, LC LOD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00043 0.00057 0.00057 0.00057 0.00057 0.00057 0.00049 0.00112 0.00124 0.00056 0.0018 0.0018 0.00164 0.00056 0.0018 0.00164 0.00076 0.00084 0.00069	-MS/MS, and/c LO (% 0.002	br GC-MS/MS 2 2 2 2 2 2 2 2 2 2 2 2 2	Result (%) ND ND ND 0.229 0.0186 ND ND ND ND ND ND ND ND ND ND ND ND ND	Result (mg/unit)NDNDNDS2042.1ND
alyte c ca cv D DA DV DVA G GA L LA N NA T -THC -THC -THCA -THCV -THCVA	y HPLC-PDA, LC LOD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00057 0.00049 0.00112 0.00124 0.00124 0.00124 0.00056 0.0006 0.0018 0.0018 0.00104 0.0016 0.00076 0.00084	-MS/MS, and/c LO (% 0.002	br GC-MS/MS 2 2 2 2 2 2 2 2 2 2 2 2 2	Result (%) ND ND ND 0.229 0.0186 ND ND ND ND ND ND ND ND ND ND ND ND ND	Result (mg/unit)NDNDNDS2042.1ND
alyte C C CA CV D DA DV DVA G GA L LA N NA T -THC -THC -THCA -THCV	y HPLC-PDA, LC LOD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00043 0.00057 0.00057 0.00057 0.00057 0.00057 0.00049 0.00112 0.00124 0.00056 0.0018 0.0018 0.00164 0.00056 0.0018 0.00164 0.00076 0.00084 0.00069	-MS/MS, and/c LO (% 0.002	br GC-MS/MS 2 2 2 2 2 2 2 2 2 2 2 2 2	Result (%) ND ND ND 0.229 0.0186 ND ND ND ND ND ND ND ND ND ND ND ND ND	Result (mg/unit)NDNDNDS2042.1ND

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-THC * 0.877 + Δ 9-THC; Total CBD = CBDA * 0.877 + CBD;

Generated By: Ryan Bellone CCO Date: 02/13/2023

Tested By: Nicholas Howard Scientist Date: 02/13/2023



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