

KCA Laboratories 232 North Plaza Drive Nicholasville, KY 40356

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

1 of 7

empRx Feline					
mple ID: SA-221012-124 tch: #221011 pe: Finished Products htrix: Oil / Liquid - Hen		Received: 10/12/2 Completed: 11/09,		Client Permahill Extra 427 Hume Bec Paris, KY 40361	ford Pike
it Mass (g):				USA Lic. #: P_0413	
			Summary		
			Test	Date Tested	Status
			Cannabinoids	11/09/2022	Tested
			Heavy Metals	10/21/2022	Tested
			-	10/18/2022	Tested
			Microbials		
	Rx Vitamins		Mycotoxins	10/19/2022	Tested
	HempRx		Pesticides	10/19/2022	Tested
	Feline Drops Full Spectrum Organic Hump OR Wink CDD		Residual Solvents	10/13/2022 10/19/2022	Tested Tested
	Ming Col Was Low O's my out of approximation ET Rest of a service of		Terpenes	10/13/2022	resteu
1.67 mg/mL	35.8 mg/mL	41.0 mg/mL	Not Tested	Not Tested	Yes
1.07 mg/me	55.0 mg/me				
Total Δ9-THC	CBD	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization
Total ∆9-THC	CBD				
Total ∆9-THC	CBD by HPLC-PDA, L LOD	Total Cannabinoids	or GC-MS/MS Result	Foreign Matter	Normalization
Тоtal Δ9-ТНС annabinoids nalyte	CBD by HPLC-PDA, L LOD (mg/mL)	Total Cannabinoids	or GC-MS/MS Result (mg/mL)	Foreign Matter Result (%)	Normalization Result (mg/unit)
Тоtal Δ9-ТНС annabinoids halyte	CBD by HPLC-PDA, L LOD (mg/mL) 0.00095	Total Cannabinoids .C-MS/MS, and/ LOQ (mg/mL) 0.00284	or GC-MS/MS Result (mg/mL) 1.97353	Foreign Matter Result (%) 0.214	Normalization Result (mg/unit) 29.6
Total Δ9-THC annabinoids alyte IC ICA	CBD by HPLC-PDA, L LOD (mg/mL) 0.00095 0.00181	Total Cannabinoids .C-MS/MS, and/ LOQ (mg/mL) 0.00284 0.00543	or GC-MS/MS Result (mg/mL) 1.97353 ND	Foreign Matter Result (%) 0.214 ND	Normalization Result (mg/unit) 29.6 ND
Total Δ9-THC annabinoids alyte IC ICA ICA	CBD by HPLC-PDA, L LOD (mg/mL) 0.00095 0.00181 0.0006	Total Cannabinoids .C-MS/MS, and/ LOQ (mg/mL) 0.00284 0.00543 0.0018	or GC-MS/MS Result (mg/mL) 1.97353 ND 0.0384	Foreign Matter Result (%) 0.214 ND 0.00416	Normalization Result (mg/unit) 29.6 ND 0.576
Total Δ9-THC annabinoids alyte IC ICA ICV ID	CBD by HPLC-PDA, L LOD (mg/mL) 0.00095 0.00181 0.0006 0.00081	Total Cannabinoids .C-MS/MS, and/ Log (mg/mL) 0.00284 0.00543 0.0018 0.00242	or GC-MS/MS Result (mg/mL) 1.97353 ND 0.0384 35.76451	Foreign Matter Result (%) 0.214 ND 0.00416 3.87	Normalization Result (mg/unit) 29.6 ND 0.576 536
Total Δ9-THC annabinoids alyte C C C C C C D D D D D	CBD by HPLC-PDA, L LOD (mg/mL) 0.00095 0.00181 0.0006 0.00081 0.00043	Total Cannabinoids .C-MS/MS, and/ LOQ (mg/mL) 0.00284 0.00543 0.0018 0.00242 0.0013	or GC-MS/MS Result (mg/mL) 1.97353 ND 0.0384 35.76451 ND	Foreign Matter Result (%) 0.214 ND 0.00416 3.87 ND	Normalization Result (mg/unit) 29.6 ND 0.576 536 ND
Total Δ9-THC annabinoids alyte C C C C D D D D D D D D	CBD by HPLC-PDA, L LOD (mg/mL) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061	Total Cannabinoids .C-MS/MS, and/ LOQ (mg/mL) 0.00284 0.00543 0.0018 0.00242 0.0013 0.00182	or GC-MS/MS Result (mg/mL) 1.97353 ND 0.0384 35.76451 ND 0.5046	Foreign Matter Result (%) 0.214 ND 0.00416 3.87 ND 0.0546	Normalization Result (mg/unit) 29.6 ND 0.576 536 ND 7.57
Total Δ9-THC annabinoids alyte C C C C C C C C C C C C C	CBD by HPLC-PDA, L LOD (mg/mL) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021	Total Cannabinoids .C-MS/MS, and/ LOQ (mg/mL) 0.00284 0.00543 0.0018 0.00242 0.0013 0.0013 0.00182 0.00063	or GC-MS/MS Result (mg/mL) 1.97353 ND 0.0384 35.76451 ND 0.5046 ND	Foreign Matter Result (%) 0.214 ND 0.00416 3.87 ND 0.0546 ND	Normalization Result (mg/unit) 29.6 ND 0.576 536 ND 7.57 ND
Total Δ9-THC annabinoids alyte C C C C C C D D D D D D D D D D D D D	CBD by HPLC-PDA, L LOD (mg/mL) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00021 0.00057	Total Cannabinoids .C-MS/MS, and/ LOQ (mg/mL) 0.00284 0.00543 0.0018 0.00242 0.0013 0.0013 0.00182 0.00063 0.00172	or GC-MS/MS Result (mg/mL) 1.97353 ND 0.0384 35.76451 ND 0.5046 ND 0.75006	Foreign Matter Result (%) 0.214 ND 0.00416 3.87 ND 0.0546 ND 0.0812	Normalization Result (mg/unit) 29.6 ND 0.576 536 ND 7.57 ND 11.3
Total Δ9-THC annabinoids alyte C C C C C C C C C C C C C	CBD by HPLC-PDA, L LOD (mg/mL) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00021 0.00057 0.00049	Total Cannabinoids .C-MS/MS, and/ LOQ (mg/mL) 0.00284 0.00543 0.0018 0.00242 0.0013 0.0013 0.00182 0.00063 0.00172 0.00147	or GC-MS/MS Result (mg/mL) 1.97353 ND 0.0384 35.76451 ND 0.5046 ND 0.75006 ND	Foreign Matter Result (%) 0.214 ND 0.00416 3.87 ND 0.0546 ND 0.0546 ND 0.0812 ND	Normalization Result (mg/unit) 29.6 ND 0.576 536 ND 7.57 ND 11.3 ND
Total Δ9-THC annabinoids alyte C C C C C C C C C C C C C	CBD by HPLC-PDA, L LOD (mg/mL) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00021 0.00057 0.00049 0.00112	Total Cannabinoids .C-MS/MS, and/ LOQ (mg/mL) 0.00284 0.00543 0.0018 0.00242 0.0013 0.0013 0.0013 0.0013 0.00182 0.00063 0.00172 0.00147 0.00335	or GC-MS/MS Result (mg/mL) 1.97353 ND 0.0384 35.76451 ND 0.5046 ND 0.75006 ND 0.0835	Foreign Matter Result (%) 0.214 ND 0.00416 3.87 ND 0.0546 ND 0.0546 ND 0.0812 ND 0.00904	Normalization Result (mg/unit) 29.6 ND 0.576 536 ND 7.57 ND 11.3 ND 11.3 ND 1.25
Total Δ9-THC annabinoids alyte C C C C C C C C C C C C C	CBD by HPLC-PDA, L LOD (mg/mL) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00021 0.00057 0.00049 0.00112 0.00124	Total Cannabinoids .C-MS/MS, and/ LOQ (mg/mL) 0.00284 0.00543 0.0018 0.00242 0.0013 0.00182 0.00063 0.00172 0.00147 0.00335 0.00371	or GC-MS/MS Result (mg/mL) 1.97353 ND 0.0384 35.76451 ND 0.5046 ND 0.75006 ND 0.0835 ND	Foreign Matter Result (%) 0.214 ND 0.00416 3.87 ND 0.0546 ND 0.0546 ND 0.0812 ND 0.00904 ND	Normalization Result (mg/unit) 29.6 ND 0.576 536 ND 7.57 ND 11.3 ND 11.3 ND 1.25 ND
Total Δ9-THC annabinoids alyte C C CA CV D DA DV DVA G GA L L A N	CBD by HPLC-PDA, L LOD (mg/mL) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00021 0.00057 0.00049 0.00112 0.00124 0.00124 0.00056	Total Cannabinoids .C-MS/MS, and/ LOQ (mg/mL) 0.00284 0.00543 0.0018 0.00242 0.0013 0.0018 0.00242 0.0013 0.00182 0.00063 0.00172 0.00147 0.00335 0.00371 0.00169	or GC-MS/MS Result (mg/mL) 1.97353 ND 0.0384 35.76451 ND 0.5046 ND 0.75006 ND 0.75006 ND 0.0835 ND 0.03006	Foreign Matter Result (%) 0.214 ND 0.00416 3.87 ND 0.0546 ND 0.0546 ND 0.0812 ND 0.00904 ND 0.00325	Normalization Result (mg/unit) 29.6 ND 0.576 536 ND 7.57 ND 11.3 ND 11.3 ND 1.25 ND 0.451
Total Δ9-THC annabinoids alyte C C CA CV D DA DV DVA G GA L L AL N NA	CBD by HPLC-PDA, L LOD (mg/mL) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00021 0.00057 0.00049 0.00112 0.00124 0.00056 0.0006	Total Cannabinoids .C-MS/MS, and/ LOQ (mg/mL) 0.00284 0.00543 0.0018 0.00242 0.0013 0.00182 0.00063 0.00172 0.00147 0.00335 0.00371 0.00169 0.00181	Or GC-MS/MS Result (mg/mL) 1.97353 ND 0.0384 35.76451 ND 0.5046 ND 0.75006 ND 0.0835 ND 0.0835 ND 0.03006 ND	Foreign Matter Result (%) 0.214 ND 0.00416 3.87 ND 0.00416 3.87 ND 0.0546 ND 0.0546 ND 0.0812 ND 0.00904 ND 0.00325 ND	Normalization Result (mg/unit) 29.6 ND 0.576 536 ND 7.57 ND 11.3 ND 1.25 ND 0.451 ND
Total Δ9-THC annabinoids alyte C C C C C C C C C C C C C	CBD by HPLC-PDA, L LOD (mg/mL) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0006 0.0018	Total Cannabinoids .C-MS/MS, and/ LOQ (mg/mL) 0.00284 0.00543 0.0018 0.00242 0.0013 0.00182 0.00063 0.00172 0.00147 0.00335 0.00371 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054	Or GC-MS/MS Result (mg/mL) 1.97353 ND 0.0384 35.76451 ND 0.5046 ND 0.75006 ND 0.0835 ND 0.0835 ND 0.03006 ND 0.03006 ND 0.20139	Foreign Matter	Normalization Result (mg/unit) 29.6 ND 0.576 536 ND 7.57 ND 11.3 ND 1.25 ND 0.451 ND 3.02
Total Δ9-THC annabinoids alyte C C CA CV D DA DV DVA G GA L L AA N NA T -THC	CBD by HPLC-PDA, L LOD (mg/mL) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018 0.00104	Total Cannabinoids .C-MS/MS, and/ LOQ (mg/mL) 0.00284 0.00543 0.0018 0.00242 0.0013 0.00182 0.00063 0.00172 0.00147 0.00335 0.00371 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.0054 0.0054 0.0054 0.0054	Or GC-MS/MS Result (mg/mL) 1.97353 ND 0.0384 35.76451 ND 0.5046 ND 0.75006 ND 0.75006 ND 0.0835 ND 0.03006 ND 0.03006 ND 0.03006 ND 0.20139 ND	Foreign Matter Result (%) 0.214 ND 0.00416 3.87 ND 0.00416 3.87 ND 0.0546 ND 0.0546 ND 0.0546 ND 0.00812 ND 0.00904 ND 0.00325 ND 0.00325 ND 0.0218 ND	Normalization Result (mg/unit) 29.6 ND 0.576 536 ND 7.57 ND 11.3 ND 1.25 ND 0.451 ND 3.02 ND
Total Δ9-THC annabinoids alyte C C CA CV D DA DV DVA G GA L CA C T T T T T T T T T T T T T	CBD by HPLC-PDA, L LOD (mg/mL) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018 0.0006 0.0018 0.00104 0.00104 0.00076	Total Cannabinoids .C-MS/MS, and/ LOQ (mg/mL) 0.00284 0.00543 0.0018 0.00242 0.0013 0.00182 0.00063 0.00172 0.00147 0.00335 0.00371 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.0018 0.0027 0.0018 0.0022 0.00172 0.00172 0.0018 0.0027 0.0018 0.0027 0.0018 0.0027 0.00172 0.0018 0.0027 0.0018 0.0027 0.00172 0.00172 0.0018 0.0027 0.0018 0.0027 0.0018 0.0027 0.00172 0.0018 0.0027 0.0018 0.0027 0.00172 0.00172 0.0018 0.0027 0.00172 0.0018 0.0027 0.00172 0.00172 0.0018 0.00172 0.00172 0.0018 0.00172 0.0018 0.0027 0.00172 0.0018 0.0027 0.0018 0.0027 0.0018 0.0027 0.0018 0.0027 0.0018 0.0027 0.0018 0.0027 0.0018 0.0027 0.0018 0.0027 0.0018 0.0027 0.0018 0.0027	ror GC-MS/MS Result (mg/mL) 1.97353 ND 0.0384 35.76451 ND 0.5046 ND 0.75006 ND 0.75006 ND 0.0835 ND 0.0835 ND 0.03006 ND 0.03006 ND 0.20139 ND 1.66912	Foreign Matter	Normalization Result (mg/unit) 29.6 ND 0.576 536 ND 7.57 ND 11.3 ND 1.25 ND 0.451 ND 3.02 ND 25.0
Total Δ9-THC annabinoids alyte C C CA CV D DA DV DVA G GA L L AL N NA T -THC -THC -THCA	CBD by HPLC-PDA, L LOD (mg/mL) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018 0.0006 0.0018 0.00104 0.00104 0.00076 0.00084	Total Cannabinoids .C-MS/MS, and/ LOQ (mg/mL) 0.00284 0.00543 0.0018 0.00242 0.0013 0.00182 0.00063 0.00172 0.00147 0.00335 0.00371 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.00257 0.00257 0.00257 0.00257 0.00257 0.00257 0.00257 0.00257 0.00257 0.00257 0.00257 0.00254 0.0054 0.0054 0.0054 0.0054 0.0054 0.0054 0.0055 0.	Or GC-MS/MS Result (mg/mL) 1.97353 ND 0.0384 35.76451 ND 0.5046 ND 0.75006 ND 0.75006 ND 0.0835 ND 0.0835 ND 0.03006 ND 0.03006 ND 0.20139 ND 1.66912 ND	Foreign Matter	Normalization Result (mg/unit) 29.6 ND 0.576 536 ND 7.57 ND 11.3 ND 1.25 ND 0.451 ND 3.02 ND 25.0 ND 25.0 ND 25.0 ND 25.0 ND 25.0 ND 1.25 ND
Total Δ9-THC annabinoids alyte C C CA CV D DA DV DVA G GA L L AL N NA T -THC -THC -THCA -THCA -THCV	CBD by HPLC-PDA, L LOD (mg/mL) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00027 0.00027 0.00027 0.00027 0.00027 0.00021 0.00020 0.00021 0.00020 0.00000000	Total Cannabinoids .C-MS/MS, and/ LOQ (mg/mL) 0.00284 0.00543 0.0018 0.00242 0.0013 0.00182 0.00063 0.00172 0.00147 0.00335 0.00371 0.00147 0.00335 0.00371 0.00147 0.00335 0.00371 0.00181 0.0054 0.00257 0.00257 0.00251 0.00251 0.00205	ror GC-MS/MS Result (mg/mL) 1.97353 ND 0.0384 35.76451 ND 0.5046 ND 0.75006 ND 0.75006 ND 0.0835 ND 0.03006 ND 0.03006 ND 0.20139 ND 1.66912 ND ND 1.66912 ND	Foreign Matter	Result (mg/unit) 29.6 ND 0.576 536 ND 7.57 ND 11.3 ND 125 ND 0.451 ND 3.02 ND 25.0 ND ND
Total Δ9-THC	CBD by HPLC-PDA, L LOD (mg/mL) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00057 0.00049 0.00112 0.00124 0.00056 0.0006 0.0018 0.0006 0.0018 0.00104 0.00104 0.00076 0.00084	Total Cannabinoids .C-MS/MS, and/ LOQ (mg/mL) 0.00284 0.00543 0.0018 0.00242 0.0013 0.00182 0.00063 0.00172 0.00147 0.00335 0.00371 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.00257 0.00257 0.00257 0.00257 0.00257 0.00257 0.00257 0.00257 0.00257 0.00257 0.00257 0.00254 0.0054 0.0054 0.0054 0.0054 0.0054 0.0054 0.0055 0.	ror GC-MS/MS Result (mg/mL) 1.97353 ND 0.0384 35.76451 ND 0.5046 ND 0.75006 ND 0.75006 ND 0.0835 ND 0.03006 ND 0.03006 ND 0.20139 ND 1.66912 ND ND 1.66912 ND ND ND	Foreign Matter	Result (mg/unit) 29.6 ND 0.576 536 ND 7.57 ND 11.3 ND 125 ND 0.451 ND 3.02 ND 25.0 ND ND ND 1.02
Total Δ9-THC annabinoids alyte C C CA CV D DA DV DVA G GA L L AL N NA T -THC -THC -THCA -THCA -THCV	CBD by HPLC-PDA, L LOD (mg/mL) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00027 0.00027 0.00027 0.00027 0.00027 0.00021 0.00020 0.00021 0.00020 0.00000000	Total Cannabinoids .C-MS/MS, and/ LOQ (mg/mL) 0.00284 0.00543 0.0018 0.00242 0.0013 0.00182 0.00063 0.00172 0.00147 0.00335 0.00371 0.00147 0.00335 0.00371 0.00147 0.00335 0.00371 0.00181 0.0054 0.00257 0.00257 0.00251 0.00251 0.00205	ror GC-MS/MS Result (mg/mL) 1.97353 ND 0.0384 35.76451 ND 0.5046 ND 0.75006 ND 0.75006 ND 0.0835 ND 0.03006 ND 0.03006 ND 0.20139 ND 1.66912 ND ND 1.66912 ND	Foreign Matter	Result (mg/unit) 29.6 ND 0.576 536 ND 7.57 ND 11.3 ND 125 ND 0.451 ND 3.02 ND 25.0 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 CCO Date: 11/09/2022

Testéd By: Nicholas Howard Scientist Date: 11/09/2022



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.



2 of 7

HempRx Feline

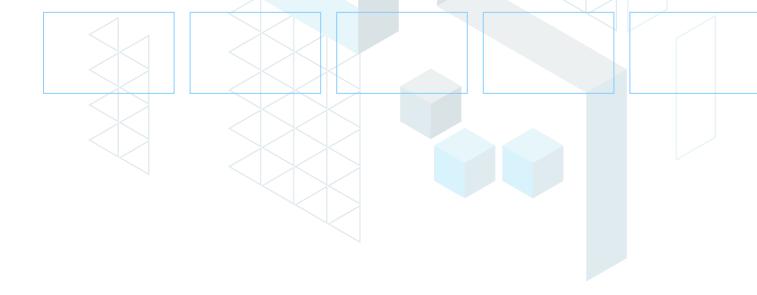
Sample ID: SA-221012-12883 Batch: #221011 Type: Finished Products Matrix: Oil / Liquid - Hemp Seed Oil Unit Mass (g):

Received: 10/12/2022 Completed: 11/09/2022 Client Permahill Extracts 427 Hume Bedford Pike Paris, KY 40361 USA Lic. #: P_0413

Terpenes by HS-GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
α-Bisabolol	0.00100	0.00500	ND	Limonene	0.001	0.005	ND
(+)-Borneol	0.00100	0.00500	ND	Linalool	0.001	0.005	ND
Camphene	0.00100	0.00500	ND	β-myrcene	0.001	0.005	ND
Camphor	0.00100	0.00500	ND	Nerol	0.001	0.005	ND
3-Carene	0.00100	0.00500	ND	cis-Nerolidol	0.001	0.005	ND
β -Caryophyllene	0.00100	0.00500	ND	trans-Nerolidol	0.001	0.005	ND
Caryophyllene Oxide	0.00100	0.00500	ND	Ocimene	0.001	0.005	ND
α -Cedrene	0.00100	0.00500	ND	α -Phellandrene	0.001	0.005	ND
Cedrol	0.00100	0.00500	ND	α -Pinene	0.001	0.005	ND
Eucalyptol	0.00100	0.00500	ND	β-Pinene	0.001	0.005	ND
Fenchone	0.00100	0.00500	ND	Pulegone	0.001	0.005	ND
Fenchyl Alcohol	0.00100	0.00500	ND	Sabinene	0.001	0.005	ND
Geraniol	0.00100	0.00500	ND	Sabinene Hydrate	0.001	0.005	ND
Geranyl Acetate	0.00100	0.00500	ND	α -Terpinene	0.001	0.005	ND
Guaiol	0.00100	0.00500	ND	γ-Terpinene	0.001	0.005	ND
Hexadhydrothymol	0.00100	0.00500	ND	α -Terpineol	0.001	0.005	ND
α -Humulene	0.00100	0.00500	ND	γ-Terpineol	0.001	0.005	ND
Isoborneol	0.00100	0.00500	ND	Terpinolene	0.001	0.005	ND
Isopulegol	0.00100	0.00500	ND	Total Terpenes (%)			0.000

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone CCO Date: 11/09/2022

Tested By: Alex Morris

Tested By: Alex Morris Quality Assurance Manager Date: 10/19/2022



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 and provide measurement uncertainty upon request.



3 of 7



ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone CCO Date: 11/09/2022

Tested By: Kelsey Rogers Scientist Date: 10/21/2022



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 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.



4 of 7

HempRx Feline

Sample ID: SA-221012-12883 Batch: #221011 Type: Finished Products Matrix: Oil / Liquid - Hemp Seed Oil Unit Mass (g):

Received: 10/12/2022 Completed: 11/09/2022 **Client** Permahill Extracts 427 Hume Bedford Pike Paris, KY 40361

USA Lic. #: P_0413

Pesticides by LC-MS/MS and GC-MS/MS

							D escribe
Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Acephate	30	100	ND	Hexythiazox	30	100	ND
Acetamiprid	30	100	ND	Imazalil	30	100	ND
Aldicarb	30	100	ND	Imidacloprid	30	100	ND
Azoxystrobin	30	100	ND	Kresoxim methyl	30	100	ND
Bifenazate	30	100	ND	Malathion	30	100	ND
Bifenthrin	30	100	ND	Metalaxyl	30	100	ND
Boscalid	30	100	ND	Methiocarb	30	100	ND
Carbaryl	30	100	ND	Methomyl	30	100	ND
Carbofuran	30	100	ND	Mevinphos	30	100	ND
Chloranthraniliprole	30	100	ND	Myclobutanil	30	100	ND
Chlorfenapyr	30	100	ND	Naled	30	100	ND
Chlorpyrifos	30	100	ND	Oxamyl	30	100	ND
Clofentezine	30	100	ND	Paclobutrazol	30	100	ND
Coumaphos	30	100	ND	Phosmet	30	100	ND
Daminozide	30	100	ND	Piperonyl Butoxide	30	100	ND
Diazinon	30	100	ND	Prallethrin	30	100	ND
Dichlorvos	30	100	ND	Propiconazole	30	100	ND
Dimethoate	30	100	ND	Propoxur	30	100	ND
Dimethomorph	30	100	ND	Pyrethrins	30	100	ND
Ethoprophos	30	100	ND	Pyridaben	30	100	ND
Etofenprox	30	100	ND	Spinetoram	30	100	ND
Etoxazole	30	100	ND	Spinosad	30	100	ND
Fenhexamid	30 <	100	ND	Spiromesifen	30	100	ND
Fenoxycarb	30	100	ND	Spirotetramat	30	100	ND
Fenpyroximate	30	100	ND	Spiroxamine	30	100	ND
Fipronil	30	100	ND	Tebuconazole	30	100	ND
Flonicamid	30	100	ND	Thiacloprid	30	100	ND
Fludioxonil	30 <	100	ND	Thiamethoxam	30	100	ND
				Trifloxystrobin	30	100	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone CCO Date: 11/09/2022

Testéd By: Jared Burkhart

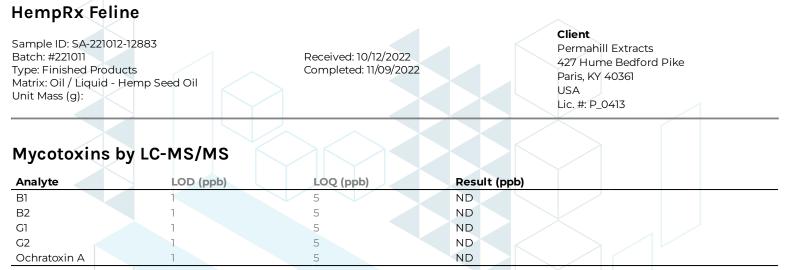
estéd By: Jared Burkha Technical Manager Date: 10/19/2022



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5 of 7



ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone CCO Date: 11/09/2022

Testéd By: Jared Burkhart Technical Manager Date: 10/19/2022



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6 of 7

HempRx Feline Sample ID: SA-221012-12883 Batch: #221011 Type: Finished Products Matrix: Oil / Liquid - Hemp Seed Oil Unit Mass (g):	Received: 10/12/2 Completed: 11/09	
Microbials by PCR and Pla	ating LOD (CFU/q)	Result (CFU/g)
Total aerobic count		ND
Total coliforms	1	ND
Generic E. coli		ND
Salmonella spp.	1	ND
Shiga-toxin producing E. coli (STEC)	1	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone ссо Date: 11/09/2022

Tested By: Lucy Jones Scientist

Date: 10/18/2022



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7 of 7

HempRx Feline

Sample ID: SA-221012-12883 Batch: #221011 Type: Finished Products Matrix: Oil / Liquid - Hemp Seed Oil Unit Mass (g):

Received: 10/12/2022 Completed: 11/09/2022 Client Permahill Extracts 427 Hume Bedford Pike Paris, KY 40361 USA Lic. #: P_0413

Residual Solvents by HS-GC-MS/MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	167	500	ND	Ethylene Glycol	21	62	ND
Acetonitrile	14	41	ND	Ethylene Oxide	0.5	1	ND
Benzene	0.5	1	ND	Heptane	167	500	ND
Butane	167	500	ND	n-Hexane	10	29	ND
1-Butanol	167	500	ND	Isobutane	167	500	ND
2-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanone	167	500	ND	Isopropyl Alcohol	167	500	ND
Chloroform	2	6	ND	Isopropylbenzene	167	500	ND
Cyclohexane	129	388	ND	Methanol	100	300	ND
1,2-Dichloroethane	0.5	1	ND	2-Methylbutane	10	29	ND
1,2-Dimethoxyethane	4	10	ND	Methylene Chloride	20	60	ND
Dimethyl Sulfoxide	167	500	ND	2-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	3-Methylpentane	10	29	ND
2,2-Dimethylbutane	10	29	ND	n-Pentane	167	500	ND
2,3-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
N,N-Dimethylformamide	30	88	ND	n-Propane	167	500	ND
2,2-Dimethylpropane	167	500	ND	1-Propanol	167	500	ND
1,4-Dioxane	13	38	ND	Pyridine	7	20	ND
Ethanol	167	500	ND	Tetrahydrofuran	24	72	ND
2-Ethoxyethanol	6	16	ND	Toluene	30	89	ND
Ethyl Acetate	167	500	ND	Trichloroethylene	3	8	ND
Ethyl Ether	167	500	ND	Tetramethylene Sulfone	6	16	ND
Ethylbenzene	3	7	ND	Xylenes (o-, m-, and p-)	73	217	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone CCO Date: 11/09/2022

Tested By: Scott Caudill Senior Scientist Date: 10/13/2022



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