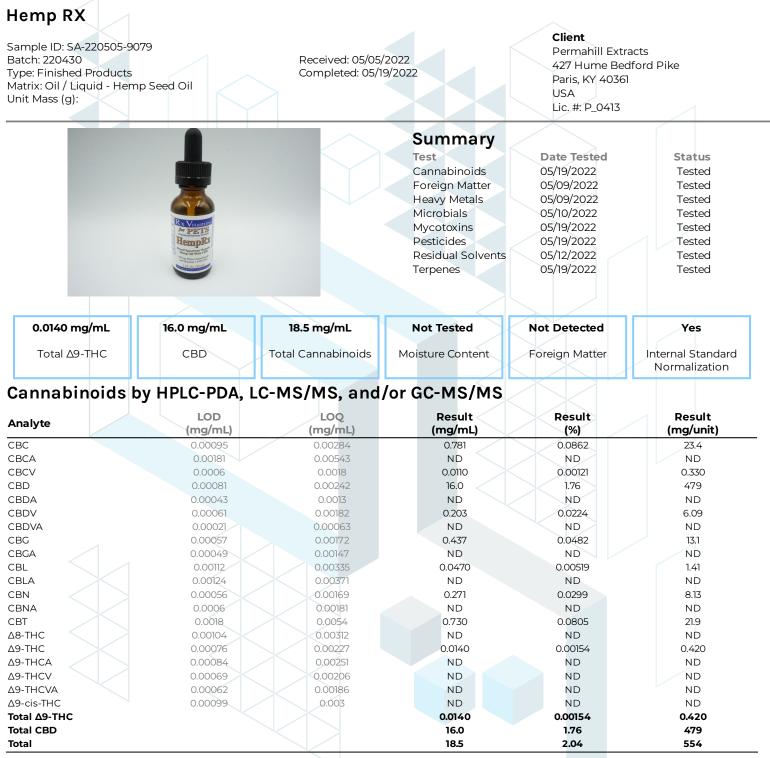


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ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ 9-THC = Δ 9-THCA * 0.877 + Δ 9-THC; Total CBD = CBDA * 0.877 + CBD;

Generated By: Ryan Bellone Commercial Director Date: 05/19/2022

Testéd By: Jared Burkhart Technical Manager Date: 05/19/2022



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Hemp RX

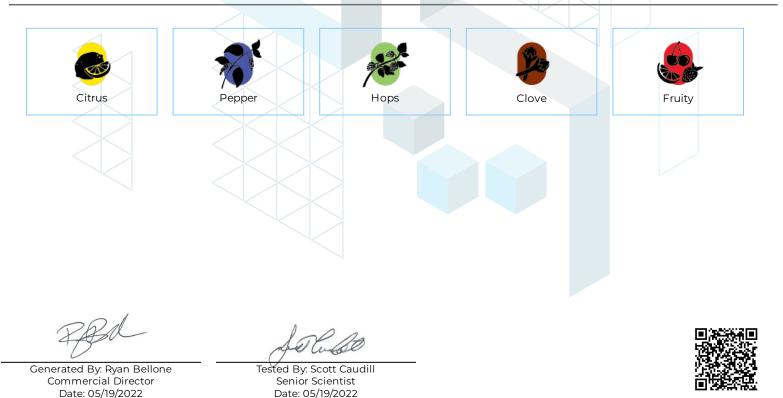
Sample ID: SA-220505-9079 Batch: 220430 Type: Finished Products Matrix: Oil / Liquid - Hemp Seed Oil Unit Mass (g):

Received: 05/05/2022 Completed: 05/19/2022 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	0.137953	Limonene	0.001	0.005	0.595428
(+)-Borneol	0.00100	0.00500	ND	Linalool	0.001	0.005	0.384765
Camphene	0.00100	0.00500	0.016076	β-myrcene	0.001	0.005	0.387052
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	0.417076	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	0.027411
Cedrol	0.00100	0.00500	ND	α -Pinene	0.001	0.005	0.0575
Eucalyptol	0.00100	0.00500	0.011021	β-Pinene	0.001	0.005	0.113855
Fenchone	0.00100	0.00500	ND	Pulegone	0.001	0.005	ND
Fenchyl Alcohol	0.00100	0.00500	0.005453	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	0.100893
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	<loq< th=""></loq<>
α -Humulene	0.00100	0.00500	0.186224	γ-Terpineol	0.001	0.005	ND
Isoborneol	0.00100	0.00500	0.090518	Terpinolene	0.001	0.005	0.00565
Isopulegol	0.00100	0.00500	ND	Total Terpenes (%)			2.54

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



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Mercury

KCA Laboratories 232 North Plaza Drive Nicholasville, KY 40356

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Hemp RX Client Sample ID: SA-220505-9079 Permahill Extracts Batch: 220430 Received: 05/05/2022 427 Hume Bedford Pike Completed: 05/19/2022 Type: Finished Products Paris, KY 40361 Matrix: Oil / Liquid - Hemp Seed Oil USA Unit Mass (g): Lic. #: P_0413 Heavy Metals by ICP-MS Analyte LOD (ppb) LOQ (ppb) Result (ppb) Arsenic 20 ND Cadmium 20 ND 2 20 Lead ND

ND

50

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

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Generated By: Ryan Bellone Commercial Director Date: 05/19/2022

Tested By: Nicholas Howard Scientist Date: 05/09/2022



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Hemp RX

Sample ID: SA-220505-9079 Batch: 220430 Type: Finished Products Matrix: Oil / Liquid - Hemp Seed Oil Unit Mass (g):

Received: 05/05/2022 Completed: 05/19/2022 **Client** Permahill Extracts 427 Hume Bedford Pike Paris, KY 40361 USA

Lic. #: P_0413

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

Analyte Acephate Acetamiprid	LOD (ppb) 30	LOQ (ppb)	Result	Analyte	LOD	LOQ	Result
· ·	30		(ppb)	Analyte	(ppb)	(ppb)	(ppb)
Acetaminrid	00	100	ND	Hexythiazox	30	100	ND
Acctampila	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
Boscalid	30	100	ND	Metalaxyl	30	100	ND
Carbaryl	30	100	ND	Methiocarb	30	100	ND
Carbofuran	30	100	ND	Methomyl	30	100	ND
Chloranthraniliprole	30	100	ND	Mevinphos	30	100	ND
Chlorfenapyr	30	100	ND	Myclobutanil	30	100	ND
Chlorpyrifos	30	100	ND	Naled	30	100	ND
Clofentezine	30	100	ND	Oxamyl	30	100	ND
Coumaphos	30	100	ND	Paclobutrazol	30	100	ND
Diazinon	30	100	ND	Permethrin	30	100	ND
Dichlorvos	30	100	ND	Phosmet	30	100	ND
Dimethoate	30	100	ND	Piperonyl Butoxide	30	100	ND
Dimethomorph	30	100	ND	Prallethrin	30	100	ND
Ethoprophos	30	100	ND	Propiconazole	30	100	ND
Etofenprox	30	100	ND	Propoxur	30	100	ND
Etoxazole	30	100	ND	Pyrethrins	30	100	ND
Fenhexamid	30	100	ND	Pyridaben	30	100	ND
Fenoxycarb	30	100	ND	Spinetoram	30	100	ND
Fenpyroximate	30	100	ND	Spinosad	30	100	ND
Fipronil	30	100	ND	Spiromesifen	30	100	ND
Flonicamid	30	100	ND	Spirotetramat	30	100	ND
Fludioxonil	30	100	ND	Spiroxamine	30	100	ND
				Tebuconazole	30	100	ND
				Thiacloprid	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 Commercial Director Date: 05/19/2022

Testéd By: Jared Burkhart Technical Manager Date: 05/19/2022



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Hemp RX Client Sample ID: SA-220505-9079 Permahill Extracts Batch: 220430 Received: 05/05/2022 427 Hume Bedford Pike Completed: 05/19/2022 Type: Finished Products Paris, KY 40361 Matrix: Oil / Liquid - Hemp Seed Oil USA Unit Mass (g): Lic. #: P_0413 Mycotoxins by LC-MS/MS Analyte LOD (ppb) Result (ppb) LOQ (ppb) 5 ND B1 B2 5 ND 5 G1 ND 5 G2 ND Ochratoxin A 5 ND

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

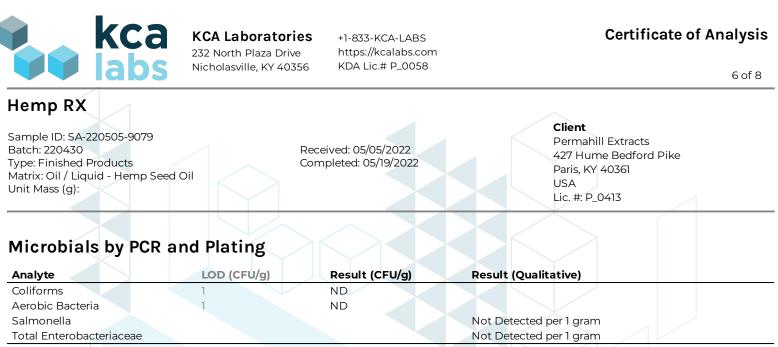
Generated By: Ryan Bellone Commercial Director Date: 05/19/2022

Testéd By: Jared Burkhart

Testéd By: Jared Burkhar Technical Manager Date: 05/19/2022



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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 Commercial Director Date: 05/19/2022

Tested By: Alex Morris

Tested By: Alex Morris Quality Assurance Manager Date: 05/10/2022



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Hemp RX

Sample ID: SA-220505-9079 Batch: 220430 Type: Finished Products Matrix: Oil / Liquid - Hemp Seed Oil Unit Mass (g):

Received: 05/05/2022 Completed: 05/19/2022 Client Permahill Extracts 427 Hume Bedford Pike Paris, KY 40361 USA Lic. #: P_0413

Residual Solvents by HS-GC-MS/MS

			<u> 16 /</u>				
Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	167	500	ND	Heptane	167	500	ND
Acetonitrile	14	41	ND	n-Hexane	10	29	ND
2-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
Cyclohexane	129	388	ND	Isopropyl Alcohol	167	500	ND
1,4-Dioxane	13	38	ND	Methanol	100	300	ND
Ethanol	167	500	ND	2-Methylbutane	10	29	ND
2-Ethoxyethanol	6	16	ND	Methylene Chloride	20	60	ND
Ethyl Acetate	167	500	ND	2-Methylpentane	10	29	ND
Ethyl Ether	167	500	ND	3-Methylpentane	10	29	ND
Ethylbenzene	3	7	ND	n-Pentane	167	500	ND
				Tetrahydrofuran	24	72	ND
				Toluene	30	89	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 Commercial Director Date: 05/19/2022

Tested By: Scott Caudill Senior Scientist Date: 05/12/2022



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Hemp RX

Sample ID: SA-220505-9079 Batch: 220430 Type: Finished Products Matrix: Oil / Liquid - Hemp Seed Oil Unit Mass (g):

Received: 05/05/2022 Completed: 05/19/2022

Client Permahill

Permahill Extracts 427 Hume Bedford Pike Paris, KY 40361 USA Lic. #: P_0413

Reporting Limit Appendix

Heavy Metals - Colorado CDPHE

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Arsenic	1500	Lead	500
Cadmium	500	Mercury	1500

Microbials - Colorado CDPHE

Analyte	Limit (CFU/ g) Analyte	Limit (CFU/ g)
Coliforms	100 Aerobic Bacteria	10000

Residual Solvents - USP 467

Analyte	Limit (ppr	n) Analyte	Limit (ppm)
Acetone	5000	Heptane	5000
Acetonitrile	410	n-Hexane	290
2-Butanol	5000	Isopropyl Acetate	5000
Cyclohexane	3880	Isopropyl Alcohol	5000
1,4-Dioxane	380	Methanol	3000
Ethanol	5000	2-Methylbutane	290
2-Ethoxyethanol	160	Methylene Chloride	600
Ethyl Acetate	5000	2-Methylpentane	290
Ethyl Ether	5000	3-Methylpentane	290
Ethylbenzene	70	n-Pentane	5000

Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Acephate	5000	Hexythiazox	2000
Acetamiprid	5000	Imazalil	30
Aldicarb	30	Imidacloprid	3000
Azoxystrobin	40000	Kresoxim methyl	1000
Bifenazate	5000	Malathion	5000
Boscalid	10000	Metalaxyl	15000
Carbaryl	500	Methiocarb	30
Carbofuran	30	Methomyl	100
Chloranthraniliprole	40000	Mevinphos	30
Chlorfenapyr	30	Myclobutanil	9000
Chlorpyrifos	30	Naled	500
Clofentezine	500	Oxamyl	200
Coumaphos	30	Paclobutrazol	30
Diazinon	200	Permethrin	20000
Dichlorvos	30	Phosmet	200

Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Dimethoate	30	Piperonyl Butoxide	8000
Dimethomorph	20000	Prallethrin	400
Ethoprophos	30	Propiconazole	20000
Etofenprox	30	Propoxur	30
Etoxazole	1500	Pyrethrins	1000
Fenhexamid	10000	Pyridaben	3000
Fenoxycarb	30	Spinetoram	3000
Fenpyroximate	2000	Spinosad	3000
Fipronil	30	Spiromesifen	12000
Flonicamid	2000	Spirotetramat	13000
Fludioxonil	30000	Spiroxamine	30

Mycotoxins - Colorado CDPHE

Analyte	Limit (ppm) Analyte	Limit (ppm)
B1	5 B2	5
G1	5 G2	5
Ochratoxin A	5	



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