

Certificate of Analysis

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Commonwealth Extracts

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502 Hemp 750mg/30mL THCF Natural Batch: 5H10312282-01

Sample: 11-09-2022-26915

Sample Received:11/09/2022; Report Created: 11/10/2022; Expires: 11/10/2023

Total Cannabinoids Total Cannabinoids binoids bithPLC, CON-P-3000(1/09/2022 bithPLC LOD LOQ Mass Analyte LOD LOQ Mass mass ^-8-Tetrahydrocannabinol (A-8 THC) 0.0093 0.0140 ND ND A-9-Tetrahydrocannabinol (A-9 THC) 0.0093 0.0140 ND ND A-9-Tetrahydrocannabinol (A-9 THC) 0.0093 0.0140 ND ND A-9-Tetrahydrocannabinol (A-9 THCV) 0.0093 0.0140 ND ND A-9-Tetrahydrocannabinol (A-9 THCV) 0.0093 0.0140 ND ND A-9-Tetrahydrocannabinol (A-9 THCV) 0.0093 0.0140 ND ND A-9-Tetrahydrocannabinol (A-10-THC) 0.0093 0.0140 ND ND S-10-Tetrahydrocannabinol (S-10-THC) 0.0093 0.0140 ND ND 9R-Hexahydrocannabinol (S-10-THC) 0.0093 0.0140 ND ND 9R-Hexahydrocannabinol (S-10-THC) 0.0093 0.0140 ND ND 9R-Hexahydrocannabinol (S-1	SCZ	Т	ND% Total THC			ND% Δ-9 THC	
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A-9-Tetrahydrocannabinol (A-9 THC) 0.0093 0.0140 ND ND A-9-Tetrahydrocannabinolic Acid (THCA-A) 0.0093 0.0140 ND ND A-9-Tetrahydrocannabiphorol (A-9-THCP) 0.0093 0.0140 ND ND A-9-Tetrahydrocannabivarin (A-9-THCV) 0.0093 0.0140 ND ND A-9-Tetrahydrocannabivarinic Acid (A-9-THCVA) 0.0093 0.0140 ND ND R-A-10-Tetrahydrocannabionol (R-A-10-THC) 0.0093 0.0140 ND ND S-A-10-Tetrahydrocannabinol (S-A-10-THC) 0.0093 0.0140 ND ND 9R-Hexahydrocannabinol (9R-HHC) 0.0093 0.0140 ND ND 9S-Hexahydrocannabinol (9R-HHC) 0.0093 0.0140 ND ND 9S-Hexahydrocannabinol (9R-HHC) 0.0093 0.0140 ND ND Cannabidivarin (CBDV) 0.0093 0.0140 ND ND Cannabidivarinic (CBDA) 0.0093 0.0140 ND ND Cannabidivarinic (CBG) 0.0093 0.0140 ND ND<		%	%	%	mg/g		
Δ-9-Tetrahydrocannabinolic Acid (THCA-A) 0.0093 0.0140 ND ND Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP) 0.0093 0.0140 ND ND Δ-9-Tetrahydrocannabivarin (Δ-9-THCV) 0.0093 0.0140 ND ND Δ-9-Tetrahydrocannabivarin (Δ-9-THCV) 0.0093 0.0140 ND ND Δ-9-Tetrahydrocannabionol (R-Δ-10-THC) 0.0093 0.0140 ND ND S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 0.0093 0.0140 ND ND 9R-Hexahydrocannabinol (S-Δ-10-THC) 0.0093 0.0140 ND ND 9R-Hexahydrocannabinol (9R-HHC) 0.0093 0.0140 ND ND 9S-Hexahydrocannabinol (9S-HHC) 0.0093 0.0140 ND ND Cannabidivarin (CBDV) 0.0064 0.0140 ND ND Cannabidiol (CBD) 0.0093 0.0140 ND ND Cannabidiol (CBD) 0.0093 0.0140 ND ND Cannabigerol (CBG) 0.0093 0.0140 ND ND <	Δ-8-Tetrahydrocannabinol (Δ-8 THC)	0.0093	0.0140	ND	ND		
Δ-9-Tetrahydrocannabiphorol (Δ-9-THCP) 0.0093 0.0140 ND ND Δ-9-Tetrahydrocannabivarin (Δ-9-THCV) 0.0093 0.0140 ND ND Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) 0.0093 0.0140 ND ND R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) 0.0093 0.0140 ND ND S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 0.0093 0.0140 ND ND 9R-Hexahydrocannabinol (9R-HHC) 0.0093 0.0140 ND ND 9S-Hexahydrocannabinol (PS-HHC) 0.0093 0.0140 ND ND 9S-Hexahydrocannabinol (CBDV) 0.0064 0.0140 ND ND Cannabidivarini CBDV) 0.0064 0.0140 ND ND Cannabidiol (CBD) 0.0093 0.0140 ND ND Cannabidiol (CBD) 0.0093 0.0140 ND ND Cannabidiol (CBO) 0.0093 0.0140 ND ND Cannabidiol (CBO) 0.0093 0.0140 ND ND Cannabigerol (CBG	Δ-9-Tetrahydrocannabinol (Δ-9 THC)	0.0093	0.0140	ND	ND		
Δ-9-Tetrahydrocannabivarin (Δ-9-THCV) 0.0093 0.0140 ND ND Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) 0.0093 0.0140 ND ND R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) 0.0093 0.0140 ND ND S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 0.0093 0.0140 ND ND S-Hexahydrocannabinol (S-HIC) 0.0093 0.0140 ND ND S-terahydrocannabinol (S-HIC) 0.0093 0.0140 ND ND Cannabidivarin (CBDV) 0.0064 0.0140 ND ND Cannabidiolic Acid (CBDA) 0.0093 0.0140 ND ND Cannabidiolic Acid (CBGA) 0.0093 0.0140 ND <td>Δ-9-Tetrahydrocannabinolic Acid (THCA-A)</td> <td>0.0093</td> <td>0.0140</td> <td>ND</td> <td>ND</td> <td></td>	Δ-9-Tetrahydrocannabinolic Acid (THCA-A)	0.0093	0.0140	ND	ND		
Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA) 0.0093 0.0140 ND ND R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) 0.0093 0.0140 ND ND S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 0.0093 0.0140 ND ND 9-Hexahydrocannabinol (S-Δ-10-THC) 0.0093 0.0140 ND ND Cannabidivarin (CBDV) 0.0093 0.0140 ND ND ID Cannabidiol (CBD) 0.0093 0.0140 ND ND ID Cannabigerol (CBG) 0.0093 0.0140 <	Δ -9-Tetrahydrocannabiphorol (Δ -9-THCP)	0.0093	0.0140	ND	ND		
R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC) 0.0093 0.0140 ND ND S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 0.0093 0.0140 ND ND 9R-Hexahydrocannabinol (9R-HHC) 0.0093 0.0140 ND ND 9S-Hexahydrocannabinol (9S-HHC) 0.0093 0.0140 ND ND 9S-Hexahydrocannabinol (9S-HHC) 0.0093 0.0140 ND ND Tetrahydrocannabinol Acetate (THCO) 0.0093 0.0140 ND ND Cannabidivarini CBDV) 0.0064 0.0140 ND ND Cannabidiol (CBD) 0.0093 0.0140 ND ND Cannabidiol (CBD) 0.0093 0.0140 ND ND Cannabidiol (CBDA) 0.0093 0.0140 ND ND Cannabidioli Acid (CBDA) 0.0093 0.0140 ND ND Cannabigeroli (CBG) 0.0093 0.0140 ND ND Cannabigeroli (CBN) 0.0093 0.0140 ND ND Cannabigeroli (CBN) 0.0093	Δ -9-Tetrahydrocannabivarin (Δ -9-THCV)	0.0093	0.0140	ND	ND		
S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC) 0.0093 0.0140 ND ND 9R-Hexahydrocannabinol (9R-HHC) 0.0093 0.0140 ND ND 9S-Hexahydrocannabinol (9R-HHC) 0.0093 0.0140 ND ND Tetrahydrocannabinol Acetate (THCO) 0.0093 0.0140 ND ND Cannabidivarin (CBDV) 0.0064 0.0140 ND ND Cannabidivarin CACid (CBDVA) 0.0093 0.0140 ND ND Cannabidiolic Acid (CBDA) 0.0093 0.0140 ND ND Cannabigerol (CBG) 0.0093 0.0140 ND ND Cannabinol (CBN) 0.0093 0.0140 ND ND Cannabinolic Acid (CBNA) 0.0093 0.0140 ND ND Cannabinolic Acid (CBNA) 0.0093	Δ-9-Tetrahydrocannabivarinic Acid (Δ-9-THCVA)	0.0093	0.0140	ND	ND		
9R-Hexahydrocannabinol (9R-HHC) 0.0093 0.0140 ND ND 9S-Hexahydrocannabinol (9S-HHC) 0.0093 0.0140 ND ND Tetrahydrocannabinol Acetate (THCO) 0.0093 0.0140 ND ND Cannabidivarin (CBDV) 0.0064 0.0140 ND ND Cannabidivarin (CBDVA) 0.0093 0.0140 ND ND Cannabidiol (CBD) 0.0093 0.0140 ND ND Cannabidiol (CBD) 0.0093 0.0140 ND ND Cannabidiolic Acid (CBDA) 0.0093 0.0140 ND ND Cannabidiolic Acid (CBGA) 0.0093 0.0140 ND ND Cannabigerolic Acid (CBGA) 0.0093 0.0140 ND ND Cannabinolic Acid (CBAA) 0.0093 0.0140 ND ND Cannabigerolic Acid (CBAA) 0.0093 0.0140 ND ND Cannabinolic Acid (CBNA) 0.0093 0.0140 ND ND Cannabinolic Acid (CBNA) 0.0093 0.0140 </td <td>R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)</td> <td>0.0093</td> <td>0.0140</td> <td>ND</td> <td>ND</td> <td></td>	R-Δ-10-Tetrahydrocannabinol (R-Δ-10-THC)	0.0093	0.0140	ND	ND		
95-Hexahydrocannabinol (95-HHC) 0.0093 0.0140 ND ND Tetrahydrocannabinol Acetate (THCO) 0.0093 0.0140 ND ND Cannabidivarin (CBDV) 0.0064 0.0140 ND ND Cannabidivarin (CBDVA) 0.0093 0.0140 ND ND Cannabidivarini Acid (CBDVA) 0.0093 0.0140 ND ND Cannabidiol (CBD) 0.0093 0.0140 ND ND Cannabidiolic Acid (CBDA) 0.0093 0.0140 ND ND Cannabigerol (CBG) 0.0093 0.0140 ND ND Cannabigerolic Acid (CBGA) 0.0093 0.0140 ND ND Cannabigerolic Acid (CBGA) 0.0093 0.0140 ND ND Cannabinoli CBN) 0.0093 0.0140 ND ND Cannabinolic Acid (CBNA) 0.0093 0.0140 ND ND Cannabinolic Acid (CBNA) 0.0093 0.0140 ND ND Cannabichromene (CBC) 0.0093 0.0140 <t< td=""><td>S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)</td><td>0.0093</td><td>0.0140</td><td>ND</td><td>ND</td><td></td></t<>	S-Δ-10-Tetrahydrocannabinol (S-Δ-10-THC)	0.0093	0.0140	ND	ND		
Tetrahydrocannabinol Acetate (THCO) 0.0093 0.0140 ND ND Cannabidivarin (CBDV) 0.0064 0.0140 <loq< td=""> <loq< td=""> Cannabidivarin (CBDVA) 0.0093 0.0140 ND ND Cannabidivarinic Acid (CBDVA) 0.0093 0.0140 ND ND Cannabidiol (CBD) 0.0093 0.0140 ND ND Cannabidiolic Acid (CBDA) 0.0093 0.0140 ND ND Cannabigerol (CBG) 0.0093 0.0140 ND ND Cannabigerolic Acid (CBGA) 0.0093 0.0140 ND ND Cannabigerolic Acid (CBGA) 0.0093 0.0140 ND ND Cannabinolic Acid (CBAA) 0.0093 0.0140 ND ND Cannabigerolic Acid (CBAA) 0.0093 0.0140 ND ND Cannabinolic Acid (CBNA) 0.0093 0.0140 ND ND Cannabinolic Acid (CBNA) 0.0093 0.0140 ND ND Cannabichromene (CBC) 0.0093 0.0140</loq<></loq<>	9R-Hexahydrocannabinol (9R-HHC)	0.0093	0.0140	ND	ND		
Cannabidivarin (CBDV) 0.0064 0.0140 <loq< th=""> <loq< th=""> Cannabidivarin (CBDVA) 0.0093 0.0140 ND ND Cannabidivarin (CBD) 0.0093 0.0140 X.P82 29.817 Cannabidioli (CBD) 0.0093 0.0140 ND ND Cannabidioli Acid (CBDA) 0.0093 0.0140 ND ND Cannabigerol (CBG) 0.0093 0.0140 ND ND Cannabigeroli (CBG) 0.0093 0.0140 ND ND Cannabigeroli (CBG) 0.0093 0.0140 ND ND Cannabigeroli (CBN) 0.0093 0.0140 ND ND Cannabinoli (CBN) 0.0093 0.0140 ND ND Cannabinoli (CBNA) 0.0093 0.0140 ND ND Cannabinolic Acid (CBNA) 0.0093 0.0140 ND ND Cannabinolic Acid (CBNA) 0.0093 0.0140 ND ND Cannabichromene (CBC) 0.0093 0.0140 ND ND</loq<></loq<>	9S-Hexahydrocannabinol (9S-HHC)	0.0093	0.0140	ND	ND		
Cannabidivarinic Acid (CBDVA) 0.0093 0.0140 ND ND Cannabidiol (CBD) 0.0093 0.0140 2.982 29.817 Cannabidiol (CBD) 0.0093 0.0140 ND ND Cannabidiolic Acid (CBDA) 0.0093 0.0140 ND ND Cannabigerol (CBG) 0.0093 0.0140 ND ND Cannabigerol (CBG) 0.0093 0.0140 ND ND Cannabigerol (CBG) 0.0093 0.0140 ND ND Cannabigerol (CBN) 0.0093 0.0140 ND ND Cannabinolic Acid (CBNA) 0.0093 0.0140 ND ND Cannabinolic Acid (CBNA) 0.0093 0.0140 ND ND Cannabinolic Acid (CBNA) 0.0093 0.0140 ND ND Cannabichromene (CBC) 0.0093 0.0140 ND ND	Tetrahydrocannabinol Acetate (THCO)	0.0093	0.0140	ND	ND		
Cannabidiol (CBD) 0.0093 0.0140 2.982 29.817 Cannabidiolic Acid (CBDA) 0.0093 0.0140 ND ND Cannabigerol (CBG) 0.0093 0.0140 ND ND Cannabigerol (CBG) 0.0093 0.0140 ND ND Cannabigerolic Acid (CBGA) 0.0093 0.0140 ND ND Cannabinol (CBN) 0.0093 0.0140 ND ND Cannabinolic Acid (CBNA) 0.0093 0.0140 ND ND Cannabichromene (CBC) 0.0093 0.0140 ND ND	Cannabidivarin (CBDV)	0.0064	0.0140	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>		
Cannabidiolic Acid (CBDA) 0.0093 0.0140 ND ND Cannabigerol (CBG) 0.0093 0.0140 ND ND Cannabigerol (CBG) 0.0093 0.0140 ND ND Cannabigerolic Acid (CBGA) 0.0093 0.0140 ND ND Cannabinol (CBN) 0.0093 0.0140 ND ND Cannabinolic Acid (CBNA) 0.0093 0.0140 ND ND Cannabinolic Acid (CBNA) 0.0093 0.0140 ND ND Cannabichromene (CBC) 0.0093 0.0140 ND ND	Cannabidivarinic Acid (CBDVA)	0.0093	0.0140	ND	ND		
Cannabigerol (CBG) 0.0093 0.0140 ND ND Cannabigerolic Acid (CBGA) 0.0093 0.0140 ND ND Cannabinol (CBN) 0.0093 0.0140 ND ND Cannabinolic Acid (CBNA) 0.0093 0.0140 ND ND Cannabinolic Acid (CBNA) 0.0093 0.0140 ND ND Cannabichromene (CBC) 0.0093 0.0140 ND ND	Cannabidiol (CBD)	0.0093	0.0140	2.982	29.817		
Cannabigerolic Acid (CBGA) 0.0093 0.0140 ND ND Cannabigerolic Acid (CBGA) 0.0093 0.0140 ND ND Cannabinol (CBN) 0.0093 0.0140 ND ND Cannabinolic Acid (CBNA) 0.0093 0.0140 ND ND Cannabinolic Acid (CBNA) 0.0093 0.0140 ND ND Cannabichromene (CBC) 0.0093 0.0140 ND ND	Cannabidiolic Acid (CBDA)	0.0093	0.0140	ND	ND		
Cannabinol (CBN) 0.0093 0.0140 ND ND Cannabinolic Acid (CBNA) 0.0093 0.0140 ND ND Cannabichromene (CBC) 0.0093 0.0140 ND ND	Cannabigerol (CBG)	0.0093	0.0140	ND	ND		
Cannabinolic Acid (CBNA)0.00930.0140NDNDCannabichromene (CBC)0.00930.0140NDND	Cannabigerolic Acid (CBGA)	0.0093	0.0140	ND	ND		
Cannabichromene (CBC) 0.0093 0.0140 ND ND	Cannabinol (CBN)	0.0093	0.0140	ND	ND		
	Cannabinolic Acid (CBNA)	0.0093	0.0140	ND	ND		
Cannabichromenic Acid (CBCA) 0.0093 0.0140 ND ND	Cannabichromene (CBC)	0.0093	0.0140	ND	ND		
	Cannabichromenic Acid (CBCA)	0.0093	0.0140	ND	ND		
	Total			2.982	29.817		

Total THC = THCa * 0.877 + Δ9-THC;Total CBD = CBDa * 0.877 + CBD; LOQ = Limit of Quantitation; ND = Not Detected.

Total THC Measurement of Uncertainty: \pm 0.040% Total CBD Measurement of Uncertainty: \pm 2.000% THCO potency analysis does not designate quantitative specificity of Δ -8-THCO and Δ -9-THCO isomers



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Natalie Siracusa

Laboratory Director

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