

 Folium Biosciences  
Truth in Hemp™

Parameter	Method <sup>1</sup>	Specification	Results
<b>Microbial Limits</b>			
Total aerobic plate count	USP	<1000 cfu/g	Pass
Total yeast & mold	<2023>	<100 cfu/g	Pass
Enterobacteriaceae		<10 MPN/g	Pass
Aspergillus	(CannaSafe)	Absent	Pass
E. coli		Absent	Pass
Salmonella		Absent	Pass
<b>Mycotoxins</b>			
Aflatoxin B1	USP	<5ppb	Pass
Aflatoxin B2	<561>	<5ppb	Pass
Aflatoxin G1	LC-MS	<5ppb	Pass
Aflatoxin G2		<5ppb	Pass
Total Aflatoxins	(CannaSafe)	<20ppb	Pass
Ochratoxin A		<10ppb	Pass

*Notes: <sup>1</sup>according to Folium Biosciences internal analytical methods, US Pharmacopoeia or 3<sup>rd</sup> party contract laboratory method.*

*ND=Not Detected, LOQ=Limit of Quantification, LOD=Limit of Detection*

*The above certificate of analysis is based on Product Specification (QA-FRM3-0005 HPCR-X-Y-Z-A)*

*Revision No: 02*

Results conform to all specifications:  Yes or  No

Storage: Room Temperature, Protect from Light, Heat and Moisture

Prepared by: Blake Breitmeyer

Quality Control, Folium Biosciences

Date: 17 NOV 2020

Reviewed by: Chris Didomenico

Quality Control, Folium Biosciences

Date: 17 NOV 2020



**CERTIFICATE OF ANALYSIS**

**PRODUCT NAME:** HydroPCR  
**PRODUCT CODE:** HPCR-X-Y-Z-A  
**LOT NUMBER:** COHPCR20-03-R

**DATE OF MANUFACTURE:** 28OCT2020      **EXPIRATION DATE:** 28OCT2022  
(DDMMYYYY)      *(Expiration date is 24 months under sealed conditions.)*

**INGREDIENTS:** Quillaja Extract, Glycerin, Broad Spectrum CBD Oil (0.0% THC), Mono-, Di-, and Triglycerides

Parameter	Method <sup>1</sup>	Specification	Results
Appearance	QCU002	Brown Emulsion	Pass
Color		Light Brown	Pass
<b>Cannabinoids</b>		<b>LOQ (ppm)</b>	<b>Wt. (%)</b>
CBD		20	4.019
CBD-A		20	< LOQ
Δ9-THC		5	< LOQ
THC-A		5	< LOQ
CBN		5	< LOQ
CBN-A		5	< LOQ
CBG	QCU001 (UHPLC-DAD)	5	< LOQ
CBC		5	< LOQ
CBC-A		5	< LOQ
Δ8-THC		5	< LOQ
CBDV		5	0.069
CBDV-A		5	< LOQ
THCV		5	< LOQ
Potency – Total CBD		NLT 4.0 wt%	4.03 wt%
Total THC		0.0%	0.0%
Identity – CBD		Retention Time ± 0.05min of Standard	0.00 min
<b>Residual Solvents</b>			
Ethanol		5000 ppm	Pass
Methanol	USP	3000 ppm	Pass
Pentane	<467>	5000 ppm	Pass
Acetone	GC FID	5000 ppm	Pass
Isopropyl Alcohol	(CannaSafe)	5000 ppm	Pass
Heptane		5000 ppm	Pass
Hexane		290 ppm	Pass
<b>Heavy Metals</b>			
Arsenic	USP	<1.5 ppm	Pass
Cadmium	<2232>	<0.5 ppm	Pass
Lead	ICP-MS	<0.5 ppm	Pass
Mercury	(CannaSafe)	<0.2 ppm	Pass



**COLORADO**  
Department of Agriculture

305 Interlocken Parkway, Broomfield, CO 80021  
Ph 303.869.9050 FX 303.466.2860  
www.colorado.gov/ag

THIS DOCUMENT IS NOT TRANSFERABLE

**Folium Biosciences**

615 Wooten Rd, Suite 110  
Colorado Springs , Colorado 80915

**INDUSTRIAL HEMP REGISTRATION - #103312**

**Issued**

**Expired**

Pursuant to § 35-61-102, C.R.S., the above-named is authorized to act as:

8/6/2020

8/5/2021

**Commercial Industrial Hemp Registration**

Indoor Square Feet          135,257

Kate Greenberg

\_\_\_\_\_  
Commissioner of Agriculture

7/21/2020

\_\_\_\_\_  
Print Date