# CERTIFICATE OF ANALYSIS ISO/IEC 17025:2017 ACCREDITATION #103104



Order #: 75843 Order Name: 250mg Roll-On Batch#: 210223 Received: 04/21/2021 Completed: 04/26/2021

**ReThink CBD** 11231 NW 20th Street Unit 140-195 Miami Florida, 33172 (888) 746-8223



## Sample



N/D D9-THC 0.284% Total CBD

282.4 mg Cannabinoids per unit 241.4 mg CBD per unit

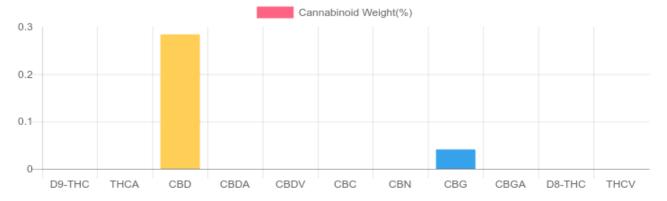
1 unit = 85 grams per unit x Cannabinoid concentration

#### **Cannabinoids Test**

SHIMADZU INTEGRATED UPLC-PDA GSL SOP 400

UPLOADED: 04/26/2021 10:56:55

Cannabinoids	LOQ	weight(%)	mg/g	mg/unit	
D9-THC	10 PPM	N/D	N/D	N/D	
THCA	10 PPM	N/D	N/D	N/D	
CBD	10 PPM	0.284%	2.840	241.400	
CBDA	20 PPM	N/D	N/D	N/D	
CBDV	20 PPM	N/D	N/D	N/D	
CBC	10 PPM	N/D	N/D	N/D	
CBN	10 PPM	N/D	N/D	N/D	
CBG	10 PPM	0.041%	0.411	34.935	
CBGA	20 PPM	N/D	N/D	N/D	
D8-THC	10 PPM	N/D	N/D	N/D	
THCV	10 PPM	N/D	N/D	N/D	
TOTAL D9-THC		N/D	N/D	N/D	
TOTAL CBD*		0.284%	2.840	241.4	
TOTAL CANNABINOIDS		0.333%	3.322	282.4	



Reporting Limit 10 ppm
\*Total CBD = CBD + CBDA x 0.877
N/D - Not Detected, B/LOQ - Below Limit of Quantification

Dr. Andrew Hall, Ph.D., Chief Scientific Officer

Ben Witten, MS, MT., Lab Director

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## **Microbial Analysis:**

PCR - Agilent AriaMX

Microbial Analysis GSL SOP 406

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### **MICROBIAL ANALYSIS:**

PCR - Agilent AriaMX

Test	SOP	Test Method	Device Used	LOD	Allowable Criteria	Actual Result	Pass/Fail
ASPERGILLUS FUMIGATUS***	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
ASPERGILLUS TERREUS***	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
ASPERGILLUS FLAVUS***	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
ASPERGILLUS NIGER***	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
STEC E. COLI*	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
SALMONELLA*	406.01	USP 61/62†	ARIAMX PCR	1 CFU/G**	DETECT/NOT DETECTED	NOT DETECTED	PASS
TOTAL YEAST AND MOLD	406.01	USP 61/62†	ARIAMX PCR	CFU/G BY SAMPLE TYPE**	1,000 CFU/G	NOT DETECTED	PASS
AEROBIC BACTERIA COUNT	406.01	USP 61/62†	ARIAMX PCR	CFU/G BY SAMPLE TYPE**	10,000 CFU/G	NOT DETECTED	PASS
ENTEROBACTERIACEAE	406.01	USP 61/62†	ARIAMX PCR	CFU/G BY SAMPLE TYPE**	100 CFU/G	NOT DETECTED	PASS
COLIFORM	406.01	USP 61/62†	ARIAMX PCR	CFU/G BY SAMPLE TYPE**	100 CFU/G	NOT DETECTED	PASS

<sup>†</sup> USP 61 (enumeration of bacteria TAC, TYM, and ENT/Coliform), USP 62 (identifying specific species E.coli Aspergillus etc) \* STEC and Salmonella run as Multiplex

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<sup>\*\*</sup> CFU/g Calculation based on MIP/Extract matrix

<sup>\*\*\*</sup> Flavus = 2 Copies of DNA / Fumigatis = 2 Copies of DNA Niger = 20 Copies of DNA / Terrus = 10 copies of DNA