

CERTIFICATE OF ANALYSIS



Order #: 33042
Order Name: Pet Treats
Batch#: 814121D2
Received: 07/08/2019
Completed: 07/11/2019



Sample



N/D
D9-THC

0.113%
Total CBD

Cannabinoids Test

SHIMADZU INTEGRATED UPLC-PDA

GSL SOP 400

PREPARED: 07/08/2019 23:28:58

UPLOADED: 07/10/2019 15:35:36

Cannabinoids	LOQ	weight(%)	mg/g
D9-THC	10 PPM	N/D	N/D
THCA	10 PPM	N/D	N/D
CBD	10 PPM	0.113%	1.133
CBDA	20 PPM	N/D	N/D
CBDV	20 PPM	N/D	N/D
CBC	10 PPM	N/D	N/D
CBN	10 PPM	N/D	N/D
CBG	10 PPM	N/D	N/D
CBGA	20 PPM	N/D	N/D
D8-THC	10 PPM	N/D	N/D
THCV	10 PPM	N/D	N/D

TOTAL D9-THC

N/D

N/D

TOTAL CBD*

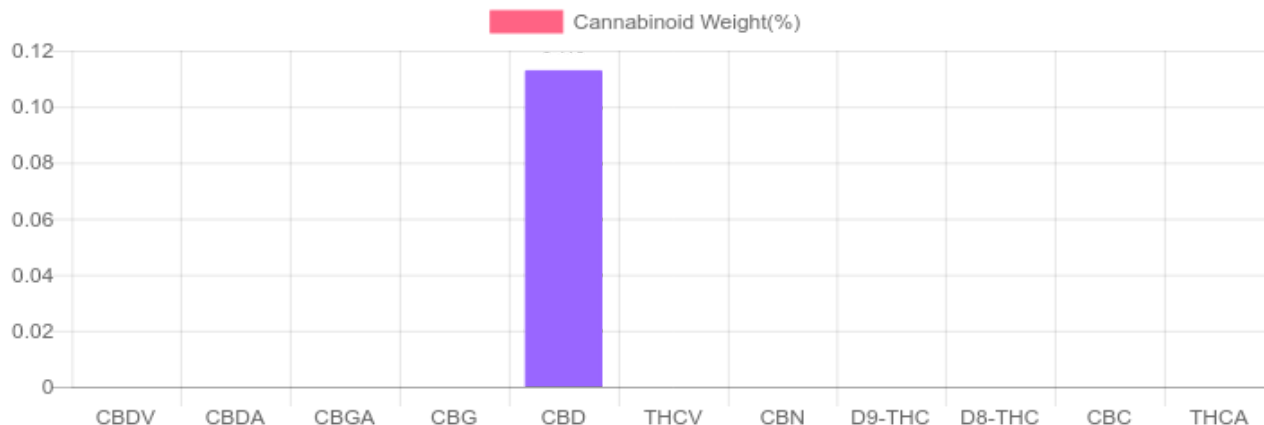
0.113%

1.133

TOTAL CANNABINOIDS

0.113%

1.133



Reporting Limit 10 ppm

*Total CBD = CBD + CBDA x 0.877

N/D - Not Detected, B/LOQ - Below Limit of Quantification



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Dr. Andrew Hall, Ph.D., CSO & Lab Director

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Microbial Analysis:

Microbial Analysis GSL SOP 406

Uploaded: 07/11/2019 02:55:45

PCR - Agilent AriaMX

Test	Test Method Used	Device Used	LOD	Allowable Criteria	Actual Result	Pass/Fail
STEC E.COLI*	USP 61/62†	ARIAMX PCR	2 COPIES OF DNA	PRESENCE / ABSENT	BELOW LOD	PASS
SALMONELLA*	USP 61/62†	ARIAMX PCR	5 COPIES OF DNA	PRESENCE / ABSENT	BELOW LOD	PASS
ASPERGILLUS	USP 61/62†	ARIAMX PCR	ASP_LOD***	PRESENCE / ABSENT	BELOW LOD	PASS
YEAST AND MOLD	USP 61/62†	ARIAMX PCR	363.05518 CFU/G**	1,000	92,774.270	FAIL
TOTAL AEROBIC BACTERIA	USP 61/62†	ARIAMX PCR	0.25316 CFU/G**	10,000	194,467.113	FAIL
COLIFORM	USP 61/62†	ARIAMX PCR	3.41539 CFU/G**	100	38,541.562	FAIL
ENTEROBACTERIACEAE	USP 61/62†	ARIAMX PCR	0.32951 CFU/G**	100	9,797.200	FAIL

† 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

** CFU/g Calculation based on Select Category Type Gummy MIP/Extract Flower matrix

*** Flavus = 2 Copies of DNA / Fumigatis = 2 Copies of DNA Niger = 20 Copies of DNA / Terrus = 10 copies of DNA



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