

CERTIFICATE OF ANALYSIS CANNABIS Site License Number: LIC-3V9R1O0Z75-2020			
PRODUCT: CBD 25.00 mg / CBG 25.00 mg		PRODUCT CODE: KIN002-15	VERSION: 01
BATCH NUMBER: 22110068	MANUFACTURE DATE: 10/14/2022	PACKAGING/ BOTTLING DATE: 12/02/2022	EXPIRATION DATE: NOT DETERMINED
CUSTOMER: Kinloch Naturals Ltd.		DATE TESTING COMPLETED: 12/13/2022	
CUSTOMER ORDER NUMBER: KW2022-041		CUSTOMER PART NUMBER: N/A	

ANALYTICAL RESULTS

TEST	TEST METHOD	LIMITS	TEST RESULT
IDENTIFICATION			
SIZE/SHAPE	DOCUMENT REVIEW	5B OVALS	COMPLIES
COLOR APPEARANCE	I-A-1	CLEAR SHELL WITH YELLOW TO GREENISH FILL	COMPLIES
ASSAY			
ASSAY CBD/THC	TP-A-002	Total THC = (0.877 x THCA) + THC Total CBD = (0.877 x CBDA) + CBD Target 25.0 mg (21.25 – 28.75 mg/cap) (85-115%)	THC: 0.0 mg/cap THCA: 0.0 mg/cap TOTAL THC: 0.0 mg/cap CBD: 23.3 mg/cap CBDA: 0.0 mg/cap TOTAL CBD: 23.3 mg/cap
CBG	TP-A-002	Target 25 mg/cap (21.25 – 28.75 mg/cap) (85-115%)	28.4 mg/cap
SPECIFIC TESTS			
AVERAGE FILL WEIGHT	I-F-1	257-284 mg/cap (TARGET: 270 mg/cap)	278 mg/cap
AVERAGE GROSS WEIGHT OF THE CAPSULE		REPORT RESULTS (mg/cap)	416 mg/cap

TEST	TEST METHOD	LIMITS	TEST RESULT
UNIFORMITY OF DOSAGE (FOR CBD)	USP<905> STAGE 1 10 units tested	ACCEPTED VARIANCE (AV) OF 10 CAPSULES < 15.0% STAGE 2 REQUIRED: NO	CBD AV: 9.040 % MIN: 91.0 % MAX: 95.7 % BAR (X): 93.2 % PASS
UNIFORMITY OF DOSAGE (FOR CBG)	USP<905> STAGE 1 10 units tested	ACCEPTED VARIANCE (AV) OF 10 CAPSULES < 15.0% STAGE 2 REQUIRED: YES	CBG Av: 16.658 % MIN: 110.9 % MAX: 116.7 % BAR (X): 113.6 % FAIL
	USP<905> STAGE 2 30 units tested	ACCEPTED VARIANCE (AV) OF 30 CAPSULES < 25.0%	CBG Av: 17.403 % MIN: 108.6 % MAX: 118.9 % BAR (X): 113.5 % PASS
RUPTURE TEST	USP<2040>	NMT 15 MIN IN WATER	1 MIN
CAPSULES PER BOTTLE	I-A-1	NLT 15 CASPULES/BOTTLE	15 CAPS/BOTTLE
INTEGRITY OF SEAL	I-A-1	8 HOUR AFTER BOTTLING, THE SEAL IS INTACT AND ADHERED TIGHTLY ALL THE WAY AROUND MOUTH OF THE BOTTLE	PASS
FOREIGN MATERIAL	I-A-1	BOTTLE AND CAPSULE FILL IS FREE FROM ANY FOREIGN MATERIAL	PASS

MICROBIAL RESULTS

TEST	TEST METHOD	LIMITS	TEST RESULT
TOTAL AEROBIC MICROBIAL COUNT	USP<2021>	NMT 10000 CFU/g	< 10 CFU/g
TOTAL YEAST AND MOLD		NMT 1000 CFU/g	< 10 CFU/g
BILE-TOLERATED GRAM-NEGATIVE BACTERIA		NMT 1000 CFU/g	< 10 CFU/g
<i>E. COLI</i>	USP<2022>	ABSENT IN 10 g	ABSENT IN 10 g
<i>SALMONELLA</i>		ABSENT IN 10 g	ABSENT IN 10 g
<i>STAPHYLOCOCCUS AUREUS</i>		ABSENT IN 1 g	ABSENT IN 1 g
<i>PSEUDOMONAS AERUGINOSA</i>		ABSENT IN 1 g	ABSENT IN 1 g
<i>BURKHOLDERIA CEPACIA COMPLEX</i>	USP<60>	ABSENT IN 10 g	ABSENT IN 10 g

Created By: *Y. P. ...*
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APPROVED BY: *[Signature]*
QUALITY MANAGER or designate

Date: Dec 14, 2022