



CERTIFICATE OF MANUFACTURE CANNABIS			
License Number: LIC-NLBPJA41J-2019			
<b>CUSTOMER:</b>	Kinloch Naturals Ltd.		
<b>PRODUCT:</b>	THC < 1.0 mg / CBN 10mg / CBD 20mg		
<b>BOTTLING PRODUCT CODE:</b>	<b>KIN001-30</b>	<b>BULK PRODUCT CODE:</b>	<b>KIN001</b>
<b>LOT/CONTROL NO:</b>	<b>22110067</b>	<b>LOT/CONTROL NO:</b>	<b>22060041</b>
<b>VERSION</b>	<b>1</b>		
<b>CANNABIS CLASS:</b>	Cannabis extract - Softgels (capsules)		
<b>STRENGTH/POTENCY:</b>	Refer to C of A		
<b>PACKAGING SIZE:</b>	30 caps / bottle	<b>QUANTITY:</b>	44 boxes x 44 bottles 1 box x 32 bottles
<b>Manufacturing Date:</b>	JN 2022		
<b>Packaging Date:</b>	DE 2022		
<b><u>CERTIFICATION STATEMENT:</u></b>			
The manufacturing documentation for the above-mentioned product has been reviewed and it has been determined that this lot was manufactured and packaged in accordance with its master production formula. Also, the production was carried out in compliance with the GMPs as listed in Section C, Division 2 of the Food and Drugs Act. (GUI-0001)			
<b><u>DEVIATIONS</u></b>			
The following events were created against this manufactured lot: N/A			
<b><u>COMMENT SECTION:</u></b>			
Transportation/Storage Conditions: Store at Room temperature.			
<b><u>RESULTS OF ANALYSIS:</u></b>			
See attached Certificate of Analysis.			
<b><u>MANUFACTURING DOCUMENT REVISIONS:</u></b>			<b><u>Effective Date:</u></b>
Fill Dispensing and Compounding Master Revision:	00		06-13-2022
Encapsulation/Post Production/Printing Master Revision:	00		06-13-2022
Gelatin Master Revision:	07		04-27-2021
Bottling Master Revision:	00		10-13-2022

Created By: [Signature]  
 Date: DEC 14 2022

Reviewed By: [Signature]  
 Date: 12.14.22

APPROVED BY: [Signature]  
 QUALITY MANAGER or designate

Date: Dec 14, 2022

CERTIFICATE OF ANALYSIS CANNABIS			
Site License Number: LIC-3V9R1O0Z75-2020			
<b>PRODUCT:</b> THC < 1.0 mg / CBN 10mg / CBD 20mg		<b>PRODUCT CODE:</b> KIN001-30	<b>VERSION:</b> 01
<b>BATCH NUMBER:</b> 22110067	<b>MANUFACTURE DATE:</b> 06/14/2022	<b>PACKAGING/ BOTTLING DATE:</b> 12/01/2022	<b>EXPIRATION DATE:</b> Not Yet Determined
<b>CUSTOMER:</b> Kinloch Naturals Ltd.		<b>DATE TESTING COMPLETED:</b> 12/13/2022	
<b>CUSTOMER ORDER NUMBER:</b> KW2022-041		<b>CUSTOMER PART NUMBER:</b> N/A	

### ANALYTICAL RESULTS

TEST	TEST METHOD	LIMITS	TEST RESULT
<b>IDENTIFICATION</b>			
SIZE/SHAPE	DOCUMENT REVIEW	5B OVALS	COMPLIES
COLOR APPEARANCE	I-A-1	CLEAR SHELL WITH YELLOW TO GREENISH FILL	COMPLIES
<b>ASSAY</b>			
ASSAY CBD/THC	TP-A-002	Total THC = (0.877 x THCA) + THC Target 0.65 (0.55 – 0.75 mg/cap)  Total CBD= (0.877 x CBDA) + CBD Target 20.0 mg (17-23 mg/cap)  (85-115%)	TOTAL THC: 0.7 mg/cap CBD: 18 mg/cap
CBN	TP-A-002	8.5-11.5 mg/cap (85-115%)	9.4 mg/cap
<b>SPECIFIC TESTS</b>			
AVERAGE FILL WEIGHT	I-F-1	257-284 mg/cap (TARGET: 270 mg/cap)	269 mg/cap
UNIFORMITY OF DOSAGE (STAGE 1)	USP<905> 10 units tested	ACCEPTED VARIANCE (AV) OF 10 CAPSULES < 15.0% STAGE 2 REQUIRED YES/NO	For CBD Av: 18.537% MIN: 82.0% MAX:94.6% BAR (X): 98.5 T = 100% PASS / FAIL

TEST	TEST METHOD	LIMITS	TEST RESULT
UNIFORMITY OF DOSAGE (STAGE 2)	USP<905> 30 units tested	AV OF 30 CAPSULES < 25.0% AND NO INDIVIDUAL CONTENT OF ANY DOSAGE IS < [ 1 (0.01) (12)] M (REPORTED VALUE) [1+ (0.01) (L2)] M	For CBD Av: 15.872% MIN: 82.0% MAX:96.8% BAR (X): 98.5 T = 100% <b>PASS / FAIL</b>
UNIFORMITY OF DOSAGE (STAGE 1)	USP<905>	ACCEPTED VARIANCE (AV) OF 10 CAPSULES < 15.0% STAGE 2 REQUIRED YES/NO	For CBN Av: 13.790% MIN: 86.9% MAX:100.2% BAR (X): 98.5 <b>PASS / FAIL</b>
RUPTURE TEST	USP<2040>	NMT 15 MIN IN WATER	5 MIN
AFLATOXIN	USP<561> ARTICALS OF BOTANICAL ORIGIN OUSTIDE LAB REQUIRED (YES/NO)	NMT 5 ppb AFB1 NMT 20 ppb FOR THE SUM OF AFB1, AFB2, AFG1, AFG2	AFB - <5 ppb Total - <20 ppb
HEAVY METAL	USP<233> (OUTSIDE LAB)	AS: <1.5 µg/g Cd: <0.5 µg/g Pb: <0.5 µg/g Hg: <3 µg/g	AS: < 1.5 µg/g Cd: < 0.5 µg/g Pb: < 0.5 µg/g Hg: < 3 µg/g
PESTICIDES (AS PER HEALTH CANADA MANDATORY PESTICIDE TESTING FOR CANNABIS)	USP <561> ARTICALS OF BOTANICAL ORIGIN (OUSTIDE LAB TESTING)	DOCUMENTS REVIEW	COMPLIES
CAPSULES PER POUCH	I-A-1	NLT 30 CAPSULES / BOTTLE	30 CAPSULES / BOTTLE
INTEGRITY OF THE SEAL	I-A-1	8 HOURS AFTER BOTTLING THE SEAL IS INTACT AND ADHERED TIGHTLY ALL THE WAY AROUND MOUTH OF BOTTLE	PASS
FOREIGN MATERIAL	I-A-1	POUCH 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: 

Date: DEC 14 2022

Reviewed By: 

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APPROVED BY:   
QUALITY MANAGER or designate

Date: Dec 14, 2022