

ZELCA

Certificate of Analysis

Class of Cannabis: Edible						
Product Name:	CBN: CBD: THC Manna Maple Sugar 4:2:1		Analytical Lab(s):		Caro Analytical Services; High North Labs	
Lot Number:	00772306		CoA Report Date:		2022-Feb-28; 2022-Aug-08; 2022-Aug-25; 2023-Aug-01	
Packaged on:	2023-AU-05		Treatment Dose:		N/A	
Treatment Type:	None					
Test and Method	Date of reporting	Lab Report No	Reference	Specification	Result	Evaluation Accepted or Rejected
INPUT CANNABIS						
Pesticides (Cannabis oil)						
Absence of Pesticides (LC/MS, GC/MS)	2022-02-28 2022-08-08 2022-08-25	CBD Isolate: ISL22035CBD02 THC Isolate: 1659986836 CBN Isolate: 1661456657	Health Canada Cannabis Pesticide Limits	< Limits of quantification of the mandatory cannabis testing	< Reporting Limit	Accept
Microbiological Purity (Eu. Ph. 5.1.8.B)						
Bile Tolerant Gram Negative	2022-02-28 2022-08-08 2022-08-25	CBD Isolate: ISL22035CBD02 THC Isolate: 1659986836 CBN Isolate: 1661456657	EP 5.1.8B	<100 cfu/g.ml	<10 cfu/g <5 cfu/g <5 cfu/g	Accept
Total Aerobic Microbial Count	2022-02-28 2022-08-08 2022-08-25	CBD Isolate: ISL22035CBD02 THC Isolate: 1659986836 CBN Isolate: 1661456657	EP 5.1.8B	<10,000 cfu/g.ml	<10 cfu/g <12 cfu/g <12 cfu/g	Accept
Total Yeast and Molds Count	2022-02-28 2022-08-08 2022-08-25	CBD Isolate: ISL22035CBD02 THC Isolate: 1659986836 CBN Isolate: 1661456657	EP 5.1.8B	<100 cfu/g.ml	<10 cfu/g <1.8 cfu/g <1.8 cfu/g	Accept
<i>E. coli</i>	2022-02-28 2022-08-08 2022-08-25	CBD Isolate: ISL22035CBD02 THC Isolate: 1659986836 CBN Isolate: 1661456657	EP 5.1.8B	Absent in 1g	Absent Absent Absent	Accept
Salmonella spp.	2022-02-28 2022-08-08 2022-08-25	CBD Isolate: ISL22035CBD02 THC Isolate: 1659986836 CBN Isolate: 1661456657	EP 5.1.8B	Absent in 25g	Absent Absent Absent	Accept
Heavy Metals (Ph. Eur. 2.4.27 refers to ICH Q3D limits Table A2.2 – Oral Concentration)						
Arsenic: CBD Isolate THC Isolate	2022-02-28 2022-08-08 2022-08-25	CBD Isolate: ISL22035CBD02 THC Isolate: 1659986836 CBN Isolate: 1661456657	ICH Q3D	<1.5 ppm (ug/g)	None Detected <0.06 ppm <0.05 ppm	Accept
Cadmium: CBD Isolate THC Isolate	2022-02-28 2022-08-08 2022-08-25	CBD Isolate: ISL22035CBD02 THC Isolate: 1659986836 CBN Isolate: 1661456657	ICH Q3D	<0.5 ppm (ug/g)	<0.06 ppm <0.01 ppm <0.01 ppm	Accept
Lead: CBD Isolate THC Isolate	2022-02-28 2022-08-08 2022-08-25	CBD Isolate: ISL22035CBD02 THC Isolate: 1659986836 CBN Isolate: 1661456657	ICH Q3D	<0.5 ppm (ug/g)	<0.06 ppm <0.02 ppm <0.02 ppm	Accept
Mercury: CBD Isolate THC Isolate	2022-02-28 2022-08-08 2022-08-25	CBD Isolate: ISL22035CBD02 THC Isolate: 1659986836 CBN Isolate: 1661456657	ICH Q3D	<3.0 ppm (ug/g)	<0.06 ppm <0.01 ppm <0.01 ppm	Accept
Aflatoxins (EP 2.8.18)						
Aflatoxin B1: CBD THC CBN	2022-02-28 2022-08-08 2022-08-25	CBD Isolate: ISL22035CBD02 THC Isolate: 1659986836 CBN Isolate: 1661456657	EP <2.8.18>	<2 ppb (ng/g)	<0.5 ng/g <0.9 ppb <0.9 ppb	Accept
Aflatoxin B2: CBD	2022-02-28	CBD Isolate: ISL22035CBD02	EP <2.8.18>	No limit available	N/A	Accept

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THC	2022-08-08	THC Isolate: 1659986836		No limit available	<0.8 ppb <0.8 ppb	
CBN	2022-08-25	CBN Isolate: 1661456657			N/A <0.9 ppb <0.9 ppb	Accept
Aflatoxin G1: CBD	2022-02-28	CBD Isolate: ISL22035CBD02	EP <2.8.18>			
THC	2022-08-08	THC Isolate: 1659986836				
CBN	2022-08-25	CBN Isolate: 1661456657				
Aflatoxin G2: CBD	2022-02-28	CBD Isolate: ISL22035CBD02	EP <2.8.18>		N/A <0.8 ppb <0.8 ppb	Accept
THC	2022-08-08	THC Isolate: 1659986836				
CBN	2022-08-25	CBN Isolate: 1661456657				
Total Aflatoxin: CBD (B1+B2+G1+G2):	2022-02-28	CBD Isolate: ISL22035CBD02	EP <2.8.18>	<4 ppb (ng/g)	<4.0 ng/g 0 0	Accept
THC	2022-08-08	THC Isolate: 1659986836				
CBN	2022-08-25	CBN Isolate: 1661456657				

Residual Solvents (USP 467)

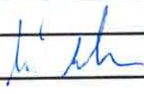
CBD Isolate: Class 3	2022-02-28	Supplier Certificates of Compliance: CBD Isolate: only ethanol and pentane utilized in manufacturing: CBD Isolate: ISL22035CBD02	USP 467	<0.5% for Quantifiable Residual Solvents	Pentane = 0.07% Ethanol = <0.01% Isopropanol=<0.05%	Accept
THC Isolate: Class 3	2022-08-08	THC Isolate: only Ethanol is utilized in manufacturing: 1659986836		Not Quantifiable Residual Solvents	<5000 ppm	Accept
THC Isolate: Class 3	2022-08-25	CBN Isolate: Only Pentane and Ethanol utilized in manufacturing: 1661456657		<5000 ppm (ug/g)	<5000 ppm	Accept
THC Isolate: Class 3	2022-08-25	CBN Isolate: Only Pentane and Ethanol utilized in manufacturing: 1661456657		<5000 ppm (ug/g)	<5000 ppm	Accept
CBD & THC Isolates Class 1 and 2	N/A	Suppliers Certificate of Compliance – no Class 1 or 2 utilized	USP 467	No class 1 or 2	N/A	Accept

EDIBLE CANNABIS PRODUCT

Cannabinoids (HPLC-PDA Internal Method / UNODC; Method Basis: Meets USP621/736 EP2.2.29) – product specific Cannabinoids to be listed

CBN	2023-Aug-01	23G3431	NA	Specifications are product specific	5.0 mg/g	Accept
CBD	2023-Aug-01	23G3431	NA	Specifications are product specific	2.5 mg/g	Accept
CBDA	2023-Aug-01	23G3431	NA	Specifications are product specific	<0.10 mg/g	Accept
Total CBD	2023-Aug-01	23G3431	NA	Specifications are product specific	2.5 mg/g	Accept
THC	2023-Aug-01	23G3431	NA	Specifications are product specific	1.25 mg/g	Accept
THCA	2023-Aug-01	23G3431	NA	Specifications are product specific	<0.10 mg/g	Accept
Total THC	2023-Aug-01	23G3431	NA	Specifications are product specific	1.25 mg/g	Accept

I hereby certify that the above information is authentic and accurate. The batch was manufactured in compliance with Parts 5 and 6 of the Good Production Practices of the Cannabis Regulations. The product was tested by a qualified 3rd party laboratory and meets all quality requirements.

QAP Name:	Nicole Wherry
QAP Signature	
Date (dd mmm yyyy)	25-Aug-2023

Rev00