



420 Fortune Blvd
Milford, MA 01757

Sample ID: **117196**
Order No.: **41830**

Report Title: **Certificate of Analysis**
Revision: **1**
Report Date: **7/31/2023**



B. RMD INFO

JOLO CAN LLC (Harbor House Collective)
80 Eastern Avenue
Chelsea, MA 02150

Manifest No: **0001727354**
Date Received: **7/25/2023**

C. SAMPLE IDENTIFICATION

METRC Package ID: **1A40A0300003FAF000008963**

Sample Name: **Sugar Berry Scone Live Rosin Full Spec Cold Cure - LRFSCC.SBS.7.18.23.8857**

Prod. Batch ID: **LRFSCC.SBS.7.18.23.8857**

Source Pkg. ID: **1A40A0300003FAF000008857**

D. PICTURE OF SAMPLE



E. SAMPLE PROPERTIES

Sample Size: **4g**
of Servings: **n/a**
Matrix: **Semi-Solid**
Matrix Other: **n/a**
Sample Condition: **Unremarkable**
Retest: **No**
Remediated: **No**
Description: **n/a**

F. PRODUCT CHARACTERIZATION

Product Stage: **Cannabis Resin & Concentrates**
Product Class: **Resin**
Other: **n/a**
Product Type: **Rosin**
Retail Name: **Sugar Berry Scone Live Rosin Full Spec Cold Cure - LRFSCC.SBS.7.18.23.8857**
Grow Material: **n/a**
Intended Route of Consumption: **n/a**
Other: **n/a**
Extraction Solvent: **n/a**
Other: **n/a**

G. TEST TYPE RUN

(CN) Cannabinoid Profile
(TP) Terpene Profile
(MY) Mycotoxin Test
(HM) Heavy Metal Analysis
(MB) Microbiology Test
(PT) Pathogen Screen



The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

ProVerde Laboratories, Inc. is an ISO/IEC 17025:2017 accredited laboratory, registered with Perry Johnson Laboratory Accreditation Inc., certificate #L23-91-1, accreditation #80585, expiring April 30, 2025.

H. CASE NARRATIVE

For full Case Narrative, see details in PAGE 2

Total Potency (CN)	Pesticides (PST)	Micro (MB)	Solvents (VOC)
88.9 wt%	Not Tested	PASS	Not Tested
Terpenes (TP)	Heavy Metals (HM)	Mycotoxins (MY)	Vitamin E Acetate (VEA)
6.8 wt%	PASS	PASS	Not Tested

THIS PRODUCT

- ☒ May be dispensed
☐ May be dispensed as INGESTION only
☐ May NOT be dispensed

LAB AUTHORIZATION SIGNATURE

Andrew Aubin



Lab Director

H. CASE NARRATIVE

The sample was provided to the laboratory by a RMD agent. Sample was submitted in a sealed container under ambient conditions. Chain of Custody seal was intact. All recorded contaminants are within the established limits.

Test Summary:

Cannabinoid Analysis: The sample was analyzed for cannabinoids by Liquid Chromatography (WI-10-17). Prior to analysis, sample was prepared by extraction with an organic solvent, filtered and diluted with an appropriate HPLC diluent. The recorded data was compared to data collected for certified reference standards for quantification.

Heavy Metal Analysis: The sample was analyzed for heavy metals by Inductively Coupled Plasma Mass Spectrometry (WI-10-13). Prior to analysis, sample was prepared by a microwave assisted acidic digestion, followed by dilution with acidified water. The recorded data was compared to data collected for certified reference standards for quantification.

Microbiological Screening: The sample was analyzed for microbial contaminants by an automated Most Probable Number enumeration (WI-10-09) [BioMerieux]. Prior to analysis, sample was prepared with peptone buffered water to extract microbial contaminants.

Mycotoxin Testing: The sample was analyzed for mycotoxins using an ImmunoAffinity Assay with fluorometric detection (WI-10-05). Prior to analysis, sample was extracted with organic solvent, followed by the ImmunoAffinity column clean-up.

Terpene Analysis: The sample was analyzed for terpenes (WI-10-37) utilizing solvent extraction followed by Gas Chromatography (GC) utilizing flame ionization detection (FID). Chromatographic data were processed by quantitatively comparing the analytical peak areas against calibration curves prepared from certified reference standards.

QC Summary:

Cannabinoid QC: A method blank was prepared in parallel with the study sample, using only associated reagents, with no matrix included. In addition, quantitation was evaluated with a Continuing Calibration Verification (CCV) sample.

Heavy Metals QC: A method blank was prepared in parallel with the study sample, using only associated reagents, with no matrix included. In addition, quantitation was evaluated with a Continuing Calibration Verification (CCV) sample.

Microbiological QC: A method blank was prepared in parallel with the study sample, using only associated reagents, with no matrix included. In addition, an environmental blank was collected using a 3M PetriFilm, that was exposed to work area during sample preparation, followed by incubation to confirm the absence of environmental contaminants.

Mycotoxin QC: Performance of fluorometer is verified daily using standard reference materials prior to data measurement.

Terpene QC: A method blank was prepared in parallel with the study sample, using only associated reagents, with no matrix included. In addition, quantitation was evaluated with a Continuing Calibration Verification (CCV) sample.

TABLE I: CANNABINOID PROFILE Analysis Date: 7/26/2023**Sample ID: 117196 By UPLC**

Lab SOP #: WI-10-17 & WI-10-17-01

Analyst: SD

This sample was analyzed using Liquid Chromatography (LC). The collected data was compared to data collected for a reference standards at a known concentration.

Test ID	Analyte	Concentration <i>unit = %wt</i>	"Dose" weight <i>unit = mg/g</i>	LOD <i>unit = ppm</i>	LOQ <i>unit = ppm</i>
A117196	D9-THC	1.94	19.4	156.00	469.00
A117196	THCV	ND	ND	156.00	469.00
A117196	CBD	ND	ND	156.00	469.00
A117196	CBDV	ND	ND	156.00	469.00
A117196	CBG	0.413	4.13	156.00	469.00
A117196	CBC	0.0970	0.970	156.00	469.00
A117196	CBN	ND	ND	156.00	469.00
A117196	THCA	82.9	829	156.00	469.00
A117196	CBDA	0.213	2.13	156.00	469.00
A117196	CBGA	3.35	33.5	156.00	469.00
A117196	CBDVA	ND	ND	156.00	469.00
A117196	D8-THC	ND	ND	156.00	469.00
A117196	exo-THC	ND	ND	156.00	469.00

Total THC 84.8 wt% 848
 Total CBD 0.187 wt% 1.87
 Total Cannabinoid (TAC) 88.9 wt% 889
 Measurements are based on sample as received.
CBD to THC Ratio 0 : 1

There are no limits established by the Massachusetts Cannabis Control Commission for cannabinoid concentrations. Total THC = THCA + THC (all isomers). Total CBD is reported based on a decarboxylation assumption such that Total CBD = (0.877 x CBDA) + CBD. ND = None Detected above the Limits of Detection (LOD).

TABLE J: HEAVY METALS Analysis Date: 7/26/2023**Sample ID: 117196 By ICPMS**

Lab SOP #: WI-10-13

Analyst: ZDV

This sample was analyzed by elemental analysis using Inductively Coupled Plasma Mass Spectrometry (ICP-MS) for the identification of heavy metal constituents. External calibration curves for heavy metals were used for quantitation, with an additional internal reference standard. Resulting data was compared with a sample blank.

Test ID	Analyte	Concentration ¹ <i>unit = ppb</i>	LOD <i>unit = ppb</i>	LOQ <i>unit = ppb</i>	Limits - All Use ²		Limits - Ingestion Only ²	
					Limits (ppb)	Test	Limits (ppb)	Test
117196	As	ND	25	50	200	PASS	1500	PASS
117196	Cd	ND	25	50	200	PASS	500	PASS
117196	Hg	ND	25	50	100	PASS	1500	PASS
117196	Pb	ND	25	50	500	PASS	1000	PASS

2) Testing limits established by the Massachusetts Cannabis Control Commission, Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries, Exhibit 4.

TABLE K: MICROBIOLOGICAL CONTAMINANTS						Analysis Date: 7/25/2023
Sample ID: 117196 By MPN			Lab SOP #: WI-10-09		Analyst: BKB	
This sample was analyzed for microbiological contaminants using an automated Most Probable Number (MPN) methodology with cultured enrichments.						
Test ID	Analyte Symbol	Test Analysis	Result	Unit	Standard Limits <i>unit = CFU/g</i>	Limit Test
117196	YM	Total Yeast & Mold	<100	CFU/g	1,000 CFU/g	PASS
117196	CC	Total Coliform Bacterial Count	<100	CFU/g	100 CFU/g	PASS
117196	EB	Total Bile Tolerant Gram Negative Count	<100	CFU/g	100 CFU/g	PASS
117196	AC	Total Aerobic Bacterial Count	<100	CFU/g	10,000 CFU/g	PASS

Recommended limits established by the American Herbal Pharmacopoeia (AHP) monograph for Cannabis Inflorescence [2013], for consumable botanical products, including processed and unprocessed cannabis materials, and solvent-based extracts. All recorded Microbiological tests are within the established limits.

*Testing limits established by the Massachusetts Cannabis Control Commission, Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries, Exhibit 6.

TABLE L: PATHOGENIC BACTERIA					Analysis Date: 7/26/2023
Sample ID: 117196 By ELFA		Lab SOP #: WI-10-10			Analyst: AEH
This sample was analyzed for pathogenic bacteria using an automated Enzyme Linked Fluorescent Assay (ELFA). Quality control checks are performed monthly by running both a positive and a negative control sample for each pathogen.					
Test ID	Analyte Symbol	Test Analysis	Result	Standard Limits	Limit Test
117196	ECPT	E. coli (O157)	Negative	Non Detected in 1g	PASS
117196	SPT	Salmonella	Negative	Non Detected in 1g	PASS

Note: All recorded pathogenic bacteria tests passed.

*Testing limits established by the Massachusetts Cannabis Control Commission, Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries, Exhibit 6.

TABLE M: MYCOTOXINS						Analysis Date: 7/25/2023	
Sample ID: 117196 By IA/Fluorescence			Lab SOP #: WI-10-05			Analyst: RAM	
This sample was analyzed for mycotoxins using an Immunoaffinity based assay (IA). Data was compared to readings from standard reference materials.							
Test ID	Analyte Symbol	Analyte	Result <i>unit = ppb</i>	LOD <i>unit = ppb</i>	LOQ <i>unit = ppb</i>	Standard Limits <i>unit = ppb</i>	Limit Test
117196	Afla	Total Aflatoxin	< LOD	2	4	< 20	PASS
117196	Ochra	Total Ochratoxin	< LOD	3	6	< 20	PASS

Note: All recorded Mycotoxin tests are within the established limits.

*Testing limits established by the Massachusetts Cannabis Control Commission, Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries, Exhibit 6.

MLD = Method Detection Limit.

TABLE P: TERPENE PROFILE

Analysis Date: 7/26/2023

Sample ID: 117196 By GC-FID

Lab SOP #: WI-10-37

Analyst: CS

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

Test ID	Analyte	CAS Number	Concentration		LOD <i>unit = ppm</i>	LOQ <i>unit = ppm</i>
			<i>unit = wt%</i>	<i>unit = ppm</i>		
117196-FID	isopulegol	89-79-2	<LOD	<LOD	5.00	10.00
117196-FID	menthol	89-78-1	<LOD	<LOD	5.00	10.00
117196-FID	linalool	78-70-6	0.583	5,830	5.00	10.00
117196-FID	caryophyllene oxide	1139-30-6	0.0420	420	5.00	10.00
117196-FID	guaiol	489-86-1	<LOD	<LOD	5.00	10.00
117196-FID	sabinene	3387-41-5	<LOD	<LOD	5.00	10.00
117196-FID	p-cymene	99-87-6	<LOD	<LOD	5.00	10.00
117196-FID	camphene	79-92-5	0.0330	330	5.00	10.00
117196-FID	eucalyptol	470-82-6	<LOD	<LOD	5.00	10.00
117196-FID	geraniol	106-24-1	<LOD	<LOD	5.00	10.00
117196-FID	terpinolene	586-62-9	0.0437	437	5.00	10.00
117196-FID	alpha-bisabolol	23089-26-1	0.128	1,280	5.00	10.00
117196-FID	alpha-pinene	80-56-8	0.117	1,170	5.00	10.00
117196-FID	alpha-terpinene	99-86-5	<LOD	<LOD	5.00	10.00
117196-FID	beta-caryophyllene	87-44-5	2.05	20,500	5.00	10.00
117196-FID	beta-pinene	127-91-3	0.220	2,200	5.00	10.00
117196-FID	delta-3-carene	13466-78-9	<LOD	<LOD	5.00	10.00
117196-FID	L-fenchone	7787-20-4	<LOD	<LOD	5.00	10.00
117196-FID	beta-myrcene	123-35-3	0.724	7,240	5.00	10.00
117196-FID	alpha-phellandrene	99-83-2	<LOD	<LOD	5.00	10.00
117196-FID	alpha-ocimene	502-99-8	0.00888	88.8	5.00	10.00
117196-FID	D-limonene	5989-27-5	1.97	19,700	5.00	10.00
117196-FID	gamma-terpinene	99-85-4	<LOD	<LOD	5.00	10.00
117196-FID	alpha-humulene	6753-98-6	0.900	9,000	5.00	10.00
117196-FID	cis-nerolidol	3790-78-1	<LOD	<LOD	5.00	10.00
117196-FID	trans-nerolidol	40716-66-3	<LOD	<LOD	5.00	10.00
117196-FID	beta-ocimene	13877-91-3	<LOD	<LOD	5.00	10.00

Total Terpene: 6.8 wt%

* Indicates semi-qualitative calculation based on recorded peak areas.

END OF REPORT