CERTIFICATE OF ANALYSIS

REPORTED TO	Starrpac Industries Ltd 4-38921 Progress Way Squamish, BC V8BOK6		
ATTENTION	Michael Stipac	**WORK ORDER**	22F1996
PO NUMBER		**RECEIVED / TEMP**	2022-06-14 12:08 / NA
PROJECT	Cannabis Testing	**REPORTED**	2022-06-21 13:03
PROJECT INFO		**COC NUMBER**	NO#

Introduction:

CARO Analytical Services is a testing laboratory full of smart, engaged scientists driven to make the world a safer and healthier place. Through our clients' projects we become an essential element for a better world. We employ methods conducted in accordance with recognized professional standards using accepted testing methodologies and quality control efforts. CARO is accredited by the Canadian Association for Laboratories Accreditation (CALA) to ISO/IEC 17025:2017 for specific tests listed in the scope of accreditation approved by CALA.

Big Picture Sidekicks

You know that the sample you collected after snowshoeing to site, digging 5 meters, and racing to get it on a plane so you can submit it to the lab for time sensitive results needed to make important and expensive decisions (whew) is VERY important. We know that too.

We've Got Chemistry

It's simple. We figure the more you enjoy working with our fun and engaged team members; the more likely you are to give us continued opportunities to support you.

Ahead of the Curve

Through research, regulation knowledge, and instrumentation, we are your analytical centre for the technical knowledge you need, BEFORE you need it, so you can stay up to date and in the know.

If you have any questions or concerns, please contact me at pmand@caro.ca

Authorized By:

Brent Coates
Director of Operations

CARO ANALYTICAL SERVICES

TEST RESULTS

REPORTED TO	Starrpac Industries Ltd	**WORK ORDER**	22F1996
PROJECT	Cannabis Testing	**REPORTED**	2022-06-21 13:03

Analyte	Result	RL	Units	Analyzed	Qualifier
BTL-2021-06 (22F1996-01) | Matrix: Cannabis Dry Flower | Sampled: 2022-06-13					
Cannabinoids					
Cannabidivarinic Acid (CBDVA)	< 0.100	0.100	% (wt/wt)	2022-06-17	
Cannabidivarin (CBDV)	< 0.100	0.100	% (wt/wt)	2022-06-17	
Cannabidiolic Acid (CBDA)	< 0.100	0.100	% (wt/wt)	2022-06-17	
Cannabigerolic Acid (CBGA)	**1.22**	0.100	% (wt/wt)	2022-06-17	
Cannabigerol (CBG)	**0.155**	0.100	% (wt/wt)	2022-06-17	
Cannabidiol (CBD)	< 0.100	0.100	% (wt/wt)	2022-06-17	
Cannabinolic Acid (CBNA)	< 0.100	0.100	% (wt/wt)	2022-06-17	
Cannabinol (CBN)	< 0.100	0.100	% (wt/wt)	2022-06-17	
Cannabicyclol (CBL)	< 0.100	0.100	% (wt/wt)	2022-06-17	
Cannabichromene (CBC)	< 0.100	0.100	% (wt/wt)	2022-06-17	
Cannabichromenic Acid (CBCA)	**0.427**	0.100	% (wt/wt)	2022-06-17	
delta9-THC	**0.430**	0.100	% (wt/wt)	2022-06-17	
delta8-THC	< 0.100	0.100	% (wt/wt)	2022-06-17	
Tetrahydrocannabivarinic Acid (THCVA)	**0.201**	0.100	% (wt/wt)	2022-06-17	
Tetrahydrocannabivarol (THCV)	< 0.100	0.100	% (wt/wt)	2022-06-17	
Tetrahydrocannabinolic Acid (THCA)	**27.4**	0.100	% (wt/wt)	2022-06-17	
Total CBD	< 0.188	0.188	% (wt/wt)	N/A	
Total THC	**24.5**	0.188	% (wt/wt)	N/A	
Total CBD	< 0.100	0.100	% (wt/wt)	N/A	
Total THC	**24.5**	0.100	% (wt/wt)	N/A	
Calculated Parameters					
Total Terpenes	**1.17**	0.0100	% (wt/wt)	N/A	
Total CBD	< 0.188	0.188	% (wt/wt)	N/A	
Total THC	**24.5**	0.188	% (wt/wt)	N/A	
Total CBD	< 0.100	0.100	% (wt/wt)	N/A	
Total THC	**24.5**	0.100	% (wt/wt)	N/A	
Potency					
Cannabidiolic Acid (CBDA)	< 0.100	0.100	% (wt/wt)	2022-06-17	
Cannabidiol (CBD)	< 0.100	0.100	% (wt/wt)	2022-06-17	
Cannabinol (CBN)	< 0.100	0.100	% (wt/wt)	2022-06-17	
delta9-THC	**0.430**	0.100	% (wt/wt)	2022-06-17	
Tetrahydrocannabinolic Acid (THCA)	**27.4**	0.100	% (wt/wt)	2022-06-17	
Terpenes					
alpha-pinene	**0.0328**	0.0100	% (wt/wt)	2022-06-20	
Camphene	**0.0101**	0.0100	% (wt/wt)	2022-06-20	
Sabinene	< 0.0100	0.0100	% (wt/wt)	2022-06-20	
beta-pinene	**0.0475**	0.0100	% (wt/wt)	2022-06-20	
Myrcene	**0.188**	0.0100	% (wt/wt)	2022-06-20	
delta3-carene	< 0.0100	0.0100	% (wt/wt)	2022-06-20	
alpha-terpinene	< 0.0100	0.0100	% (wt/wt)	2022-06-20	
D-Limonene	**0.247**	0.0100	% (wt/wt)	2022-06-20	

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Analyte	Result	RL	Units	Analyzed	Qualifier
BTL-2021-06 (22F1996-01) | Matrix: Cannabis Dry Flower | Sampled: 2022-06-13, Continued					
Terpenes, Continued					
Eucalyptol	< 0.0100	0.0100	% (wt/wt)	2022-06-20	
Ocimene (cis+trans)	< 0.0100	0.0100	% (wt/wt)	2022-06-20	
gamma-terpinene	< 0.0100	0.0100	% (wt/wt)	2022-06-20	
Sabinene Hydrate	< 0.0100	0.0100	% (wt/wt)	2022-06-20	
Terpinolene	< 0.0100	0.0100	% (wt/wt)	2022-06-20	
Fenchone (D+L)	< 0.0100	0.0100	% (wt/wt)	2022-06-20	
Linalool	**0.207**	0.0100	% (wt/wt)	2022-06-20	
(1R)-Endo-(+)-Fenchyl Alcohol	**0.0596**	0.0100	% (wt/wt)	2022-06-20	
Isopulegol	< 0.0100	0.0100	% (wt/wt)	2022-06-20	
Isoborneol	< 0.0100	0.0100	% (wt/wt)	2022-06-20	
Menthol	< 0.0100	0.0100	% (wt/wt)	2022-06-20	
Borneol (D+L)	**0.0132**	0.0100	% (wt/wt)	2022-06-20	
Nerol (cis-Geraniol)	< 0.0100	0.0100	% (wt/wt)	2022-06-20	
D-Pulegone	< 0.0100	0.0100	% (wt/wt)	2022-06-20	
trans-Geraniol	< 0.0100	0.0100	% (wt/wt)	2022-06-20	
Geranyl Acetate	< 0.0100	0.0100	% (wt/wt)	2022-06-20	
alpha-Cedrene	< 0.0100	0.0100	% (wt/wt)	2022-06-20	
beta-Caryophyllene	**0.233**	0.0100	% (wt/wt)	2022-06-20	
alpha-Humulene	**0.0618**	0.0100	% (wt/wt)	2022-06-20	
Valencene	< 0.0100	0.0100	% (wt/wt)	2022-06-20	
cis-Nerolidol	< 0.0100	0.0100	% (wt/wt)	2022-06-20	
trans-Nerolidol	< 0.0100	0.0100	% (wt/wt)	2022-06-20	
Guaiol	< 0.0100	0.0100	% (wt/wt)	2022-06-20	
Caryophyllene Oxide	< 0.0100	0.0100	% (wt/wt)	2022-06-20	
D-Cedrol	< 0.0100	0.0100	% (wt/wt)	2022-06-20	
alpha-Bisabolol	**0.0713**	0.0100	% (wt/wt)	2022-06-20	

APPENDIX 1: SUPPORTING INFORMATION

REPORTED TO	Starrpac Industries Ltd	**WORK ORDER**	22F1996
PROJECT	Cannabis Testing	**REPORTED**	2022-06-21 13:03

Analysis Description	Method Ref.	Technique	Accredited	Location
Cannabinoids in Cannabis Dry Flower	Methanol Extraction for Cannabis / AHP Cannabis Inflorescence	Methanol Extraction for Cannabis / American Herbal Pharmacopoeia Cannabis Inflorescence	✓	Burnaby
Cannabis Potency in Cannabis Dry Flower	Methanol Extraction for Cannabis / AHP Cannabis Inflorescence	Methanol Extraction for Cannabis / American Herbal Pharmacopoeia Cannabis Inflorescence	✓	Burnaby
Terpenes in Cannabis Dry Flower	Methanol Extraction for Cannabis / Custom	Methanol Extraction for Cannabis / N/A		Burnaby

Glossary of Terms:

RL	Reporting Limit (default)
% (wt/wt)	Percent weight per weight
<	Less than the specified Reporting Limit (RL) - the actual RL may be higher than the default RL due to various factors

General Comments:

The results in this report apply to the samples analyzed in accordance with the Chain of Custody document. This analytical report must be reproduced in its entirety. CARO is not responsible for any loss or damage resulting directly or indirectly from error or omission in the conduct of testing. Liability is limited to the cost of analysis. Samples will be disposed of 30 days after the test report has been issued or once samples expire, whichever comes first. Longer hold is possible if agreed to in writing.

Results in **Bold** indicate values that are above CARO's method reporting limits. Any results that are above regulatory limits are highlighted **red**. Please note that results will only be highlighted red if the regulatory limits are included on the CARO report. Any Bold and/or highlighted results do not take into account method uncertainty. If you would like method uncertainty or regulatory limits to be included on your report, please contact your Account Manager:pmand@caro.ca

Please note any regulatory guidelines applied to this report are added as a convenience to the client, at their request, to help provide some initial context to analytical results obtained. Although CARO makes every effort to ensure accuracy of the associated regulatory guideline(s) applied, the guidelines applied cannot be assumed to be correct due to a variety of factors and as such CARO Analytical Services assumes no liability or responsibility for the use of those guidelines to make any decisions. The original source of the regulation should be verified and a review of the guideline(s) should be validated as correct in order to make any decisions arising from the comparison of the analytical data obtained to the relevant regulatory guideline for one's particular circumstances. Further, CARO Analytical Services assumes no liability or responsibility for any loss attributed from the use of these guidelines in any way.

APPENDIX 2: QUALITY CONTROL RESULTS

REPORTED TO	Starrpac Industries Ltd	**WORK ORDER**	22F1996
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The following section displays the quality control (QC) data that is associated with your sample data. Groups of samples are prepared in "batches" and analyzed in conjunction with QC samples that ensure your data is of the highest quality. Common QC types include:

- **Method Blank (Blk)**: A blank sample that undergoes sample processing identical to that carried out for the test samples. Method blank results are used to assess contamination from the laboratory environment and reagents.
- **Duplicate (Dup)**: An additional or second portion of a randomly selected sample in the analytical run carried through the entire analytical process. Duplicates provide a measure of the analytical method's precision (reproducibility).
- **Blank Spike (BS)**: A sample of known concentration which undergoes processing identical to that carried out for test samples, also referred to as a laboratory control sample (LCS). Blank spikes provide a measure of the analytical method's accuracy.
- **Matrix Spike (MS)**: A second aliquot of sample is fortified with a known concentration of target analytes and carried through the entire analytical process. Matrix spikes evaluate potential matrix effects that may affect the analyte recovery.
- **Reference Material (SRM)**: A homogenous material of similar matrix to the samples, certified for the parameter(s) listed. Reference Materials ensure that the analytical process is adequate to achieve acceptable recoveries of the parameter(s) tested.

Each QC type is analyzed at a 5-10% frequency, i.e. one blank/duplicate/spike for every 10-20 samples. For all types of QC, the specified recovery (% Rec) and relative percent difference (RPD) limits are derived from long-term method performance averages and/or prescribed by the reference method.

Analyte	Result	RL	Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Qualifier
Cannabinoids, Batch B2F2164										
Blank (B2F2164-BLK1)				Prepared: 2022-06-16, Analyzed: 2022-06-17						
Cannabidivarinic Acid (CBDVA)	< 0.100	0.100	% (wt/wt)							
Cannabidivarin (CBDV)	< 0.100	0.100	% (wt/wt)							
Cannabidiolic Acid (CBDA)	< 0.100	0.100	% (wt/wt)							
Cannabigerolic Acid (CBGA)	< 0.100	0.100	% (wt/wt)							
Cannabigerol (CBG)	< 0.100	0.100	% (wt/wt)							
Cannabidiol (CBD)	< 0.100	0.100	% (wt/wt)							
Cannabinolic Acid (CBNA)	< 0.100	0.100	% (wt/wt)							
Cannabinol (CBN)	< 0.100	0.100	% (wt/wt)							
Cannabicyclol (CBL)	< 0.100	0.100	% (wt/wt)							
Cannabichromene (CBC)	< 0.100	0.100	% (wt/wt)							
Cannabichromenic Acid (CBCA)	< 0.100	0.100	% (wt/wt)							
delta9-THC	< 0.100	0.100	% (wt/wt)							
delta8-THC	< 0.100	0.100	% (wt/wt)							
Tetrahydrocannabivarinic Acid (THCVA)	< 0.100	0.100	% (wt/wt)							
Tetrahydrocannabivarol (THCV)	< 0.100	0.100	% (wt/wt)							
Tetrahydrocannabinolic Acid (THCA)	< 0.100	0.100	% (wt/wt)							
Potency, Batch B2F2164										
Blank (B2F2164-BLK1)				Prepared: 2022-06-16, Analyzed: 2022-06-17						
Cannabidiolic Acid (CBDA)	< 0.100	0.100	% (wt/wt)							
Cannabidiol (CBD)	< 0.100	0.100	% (wt/wt)							
Cannabinol (CBN)	< 0.100	0.100	% (wt/wt)							
delta9-THC	< 0.100	0.100	% (wt/wt)							
Tetrahydrocannabinolic Acid (THCA)	< 0.100	0.100	% (wt/wt)							
Terpenes, Batch B2F2071										
Blank (B2F2071-BLK1)				Prepared: 2022-06-16, Analyzed: 2022-06-20						
alpha-pinene	< 0.0100	0.0100	% (wt/wt)							
Camphene	< 0.0100	0.0100	% (wt/wt)							
Sabinene	< 0.0100	0.0100	% (wt/wt)							
beta-pinene	< 0.0100	0.0100	% (wt/wt)							
Myrcene	< 0.0100	0.0100	% (wt/wt)							
delta3-carene	< 0.0100	0.0100	% (wt/wt)							

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PROJECT	Cannabis Testing	**REPORTED**	2022-06-21 13:03

Analyte	Result	RL	Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Qualifier
Terpenes, Batch B2F2071, Continued										
Blank (B2F2071-BLK1), Continued				Prepared: 2022-06-16, Analyzed: 2022-06-20						
alpha-terpinene	< 0.0100	0.0100	% (wt/wt)							
D-Limonene	< 0.0100	0.0100	% (wt/wt)							
Eucalyptol	< 0.0100	0.0100	% (wt/wt)							
Ocimene (cis+trans)	< 0.0100	0.0100	% (wt/wt)							
gamma-terpinene	< 0.0100	0.0100	% (wt/wt)							
Sabinene Hydrate	< 0.0100	0.0100	% (wt/wt)							
Terpinolene	< 0.0100	0.0100	% (wt/wt)							
Fenchone (D+L)	< 0.0100	0.0100	% (wt/wt)							
Linalool	< 0.0100	0.0100	% (wt/wt)							
(1R)-Endo-(+)-Fenchyl Alcohol	< 0.0100	0.0100	% (wt/wt)							
Isopulegol	< 0.0100	0.0100	% (wt/wt)							
Isoborneol	< 0.0100	0.0100	% (wt/wt)							
Menthol	< 0.0100	0.0100	% (wt/wt)							
Borneol (D+L)	< 0.0100	0.0100	% (wt/wt)							
Nerol (cis-Geraniol)	< 0.0100	0.0100	% (wt/wt)							
D-Pulegone	< 0.0100	0.0100	% (wt/wt)							
trans-Geraniol	< 0.0100	0.0100	% (wt/wt)							
Geranyl Acetate	< 0.0100	0.0100	% (wt/wt)							
alpha-Cedrene	< 0.0100	0.0100	% (wt/wt)							
beta-Caryophyllene	< 0.0100	0.0100	% (wt/wt)							
alpha-Humulene	< 0.0100	0.0100	% (wt/wt)							
Valencene	< 0.0100	0.0100	% (wt/wt)							
cis-Nerolidol	< 0.0100	0.0100	% (wt/wt)							
trans-Nerolidol	< 0.0100	0.0100	% (wt/wt)							
Guaiol	< 0.0100	0.0100	% (wt/wt)							
Caryophyllene Oxide	< 0.0100	0.0100	% (wt/wt)							
D-Cedrol	< 0.0100	0.0100	% (wt/wt)							
alpha-Bisabolol	< 0.0100	0.0100	% (wt/wt)							