



COAST MOUNTAIN CANNABIS
PEMBERTON, BC

Certificate of Analysis

Strain: **Insert name** CTL Sample ID: **21D1042, 21D1044**
 Lot #: **LOTO1BRUAQIM1Q**
 Lot Name: **1081C01_PCS** Authorized By: **Joost Luecker, PhD**
 CoA Prepared on: **22/04/2021** Quality Assurance Person
(DD/MM/YYYY)

22/04/2021
[Signature]

POTENCY	% (wt/wt)	mg/g	% (wt/wt)	mg/g
Total THC equivalents	27.5	275	Total CBD equivalents	0.00
Δ 9-THC	0.489	4.89	CBD	<0.100
THCA	30.8	308	CBDA	<0.100

Other cannabinoids	% (wt/wt)		% (wt/wt)		% (wt/wt)
CBDVA	<0.100	CBNA	<0.100	CBCA	0.184
CBDV	<0.100	CBN	<0.100	THCVA	0.182
CBG	0.211	CBL	<0.100	THCV	<0.100
CBGA	0.589	CBC	<0.100	Δ 8-THC	<0.100

TERPENES	% (wt/wt)						
Total Terpenes	2.44						
Terpenes quantified from the 22 analysed							
	% (wt/wt)		% (wt/wt)		% (wt/wt)	% (wt/wt)	
Myrcene	1.65	beta-Caryophyllene	0.291	alpha-Bisabolol	0.0304	alpha-Humulene	0.133
Limonene	0.0742	Linalool	0.184	beta-pinene	0.0383	alpha-pinene	0.0110
Trans-Nerolidol	0.0340						

MOISTURE ANALYSIS	
Loss on Drying (105°C)	13.8%

CONTAMINANT ANALYSIS	
Microbial Quality	
Total Aerobic Microbial Counts	Pass
Total Yeast and Mold Counts	Pass <i>E.Coli. Absent</i>
Bile-Tolerant Gram-Negative bacteria	Pass <i>Salmonella spp. Absent</i>
Foreign Matter	Pass Appearance Pass
Pesticides	Pass
Aflatoxins	Aflatoxins B1, total (B1, B2, G1, G2) Pass
Heavy Metals	Arsenic, Cadmium, Lead, Mercury Tested to maximum allowable usage by inhalation of 3g/day Pass



Certificate of Analysis

TESTING DETAILS

All validated methods for contaminant testing in use by our chosen ISO-17025 certified third party laboratory are listed below (verified by CMC as per *SP-QAS-017-Lab Method Validation Verification*). See the Appendix of *SP-QAS-010 – Finished Product Approval Process* for further specifications details.

Cannabinoid Profile (method CR-TM-161)

AHP- Cannabis Inflorescence

Total Potency calculated:

Total THC = (Δ 9-THC + Δ 9-THCA x 0.877)

Total CBD = (CBD + CBDA x 0.877)

Cannabinoids Analyzed:

CBC	Cannabichromene	CBDV	Cannabidivarin	THCV	Tetrahydrocannabivarol
CBCA	Cannabichromenic Acid	CBDA	Cannabidivarinic Acid	Δ 8-THC	Delta 8 - Tetrahydrocannabinol
CBL	Cannabicyclol	CBG	Cannabigerol	Δ 9-THC	Delta9-Tetrahydrocannabinol
CBD	Cannabidiol	CBGA	Cannabigerolic Acid	THCA	Tetrahydrocannabinolic Acid
CBDA	Cannabidiolic Acid	CBN	Cannabinol	THCVA	Tetrahydrocannabivarinic Acid
CBNA	Cannabinolic Acid				

Terpene Profile (method CR-TM-163)

Terpenes Analyzed and quantified using authentic standards

alpha-Bisabolol (C15)	Limonene (C10)	Isopulegol (C10)	trans-Nerolidol (C15)	beta-pinene (C10)
Camphene (C10)	Eucalyptol (C10)	Linalool (C10)	Ocimene (cis+trans) (C10)	alpha-terpinene (C10)
delta3-carene (C10)	Geraniol (C10)	Myrcene (C10)	para-cymene (C10)	gamma-terpinene (C10)
beta-Caryophyllene (C15)	Guaiol (C15)	cis-Nerolidol (C15)	alpha-pinene (C10)	Terpinolene (C10)
Caryophyllene Oxide (C15)	alpha-Humulene (C15)			

Contaminant testing method and limits specifications

Microbial Quality

Method: Ph. Eur. Chapters 2.6.12 and 2.6.31

Specification: Ph. Eur. Chapter 5.1.8 Table C.

Aflatoxins

Method: CR-TM-156,-customized from <USP> 561

Specification: Ph. Eur. Chapter 2.8.18

Pesticides

Method: CR-TM-160 – Custom using HPLC/MS and GC/MS

Specification: 96 pesticide active ingredients tested for all below mandatory Reporting Limits as required by Health Canada

Heavy Metals

Method: CR-TM-167, modified from EPA 200.3 using ICP/MS

Specification: USP-NF <232> table 1 and 3; inhalation use; max 10g daily for Hg and calculated max 3g daily for Pb, As, Cd (SP-QAS-010).