



COAST MOUNTAIN CANNABIS
PEMBERTON, BC

Certificate of Analysis

Strain: **BC Organic Peanut Butter Soufflé**
Lot #: **LOTVJMCIB5YYFN**
Lot Name: **1148C01_PBS**

CTL Sample ID: 21F1929-01, 21F1932-02

Authorized By: 

Brooke Carere

Quality Assurance Person

CoA Prepared on: 08/07/2021
(DD/MM/YYYY)

POTENCY	% (wt/wt)	mg/g		% (wt/wt)	mg/g
Total THC equivalents	25.6	256	Total CBD equivalents	0.00	0.00
Δ 9-THC	0.319	3.19	CBD	< 0.100	< 1.00
THCA	28.8	288	CBDA	< 0.100	< 1.00

Other cannabinoids	% (wt/wt)		% (wt/wt)		% (wt/wt)
CBDVA	< 0.100	CBNA	< 0.100	CBCA	0.485
CBDV	< 0.100	CBN	< 0.100	THCVA	0.238
CBG	0.201	CBL	< 0.100	THCV	< 0.100
CBGA	1.67	CBC	< 0.100	Δ 8-THC	< 0.100

TERPENES	% (wt/wt)
Total Terpenes	1.37

Terpenes quantified from the 22 analysed

	wt%		wt%		wt%		wt%
Myrcene	0.203	beta-Caryophyllene	0.346	alpha-Bisabolol	0.030	alpha-Humulene	0.124
Limonene	0.324	Linalool	0.203	beta-pinene	0.087	alpha-pinene	0.046
Camphene	0.014						

MOISTURE ANALYSIS

Loss on Drying (105°C) 15.2 %

CONTAMINANT ANALYSIS

Microbial Quality

Total Aerobic Microbial Counts	Pass		
Total Yeast and Mold Counts	Pass	<i>E. Coli.</i>	Absent
Bile-Tolerant Gram-Negative bacteria	Pass	<i>Salmonella spp.</i>	Absent

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).*