



Strain:	BC Organic Peanut Butter Soufflé	CTL sample ID:	22K3536-01
Lot #:	LOTKEHQBGNGNRP (biggs), LOTRZDJ5IRKEOQ (smallss)	Authorized by:	Cassie Fitzpatrick
Lot name:	2314C01_PBS, 2314M01_PBS	Signature: (All values are a true reflection of the lab COA)	<i>C. Fitzpatrick</i>
Product Category:	Dried Cannabis Flower		
COA prepared on (DD/MM/YYYY):	19/01/2023	Title:	QAP

Potency	% (wt/wt)	mg/g		% (wt/wt)	mg/g		% (wt/wt)	mg/g
Total THC	22.6 %	226 mg/g	Total CBD	<0.188 %	<1.88 mg/g			
Δ 9-THC	0.287 %	2.87 mg/g	CBD	<0.100 %	<1.00 mg/g	CBN	<0.100 %	<1.00 mg/g
THCA	25.4 %	254 mg/g	CBDA	<0.100 %	<1.00 mg/g	CBNA	<0.100 %	<1.00 mg/g

Other Cannabinoids*	% (wt/wt)		% (wt/wt)		% (wt/wt)
CBC	<0.100 %	CBDV	<0.100 %	Δ 8-THC	<0.100 %
CBCA	0.477 %	CBDVA	<0.100 %	CBL	<0.100 %
CBG	0.205 %	THCV	<0.100 %		
CBGA	1.47 %	THCVA	0.205 %		

Terpenes**	% (wt/wt)		% (wt/wt)		% (wt/wt)
Total terpenes	1.60 %	α-bisabolol	0.0592 %	Caryophyllene Oxide	0.0105 %
1: β-caryophyllene	0.543 %	β-pinene	0.0529 %		
2: Limonene	0.305 %	α-pinene	0.0356 %		
3: Myrcene	0.255 %	Camphene	0.0110 %		
4: Linalool	0.183 %				
5: α-humulene	0.143 %				

Moisture analysis	CMC Specification (Method)	Result	Evaluation (Pass/Fail)
Loss on Drying	<15% if terpenes are <1%, max. 15.5% if terpenes are >1% (Ph. Eur. 2.2.32)	14.7 % (wt/wt)	PASS

Contaminant analysis		Specification (Method)	Limit	Evaluation (Pass/Fail)
Microbial Quality	TAMC	Ph. Eur. 5.1.8 Table C. (Ch. 2.6.12 and 2.6.31)	≤500000 CFU	PASS
	TYMC		≤50000 CFU	PASS
	BTGN		<10000 CFU	PASS
	Salmonella		absent in 25g	PASS
	E. Coli		absent in 1g	PASS
Aflatoxins	B1	Ph. Eur. Ch. 2.8.18 (CR-TM-156,-customized from <USP> 561)	≤2 ppb	PASS
	Total (B1, B2, G1, G2)		≤4 ppb	PASS
Heavy metals	As	Ph Eur 5.20: as per ICH Q3D (R1) Option 3, calculated to 3g max. allowable chronic usage daily by inhalation, except Hg based on 10g max. daily. (CR-TM-167, modified from EPA 200.3 using ICP/MS)	<0.66 ppm	PASS
	Cd		<1 ppm	PASS
	Pb		<1.66 ppm	PASS
	Hg		<0.1ppm	PASS
Pesticides	96 PAIs tested for dried cannabis MRLs as required by Health Canada (CR-TM-160 – Custom using HPLC/MS and GC/MS)	All <MRLs	PASS	
Foreign Materials	Ph. Eur. 1433 (Ph. Eur. 2.8.2)	<2%	PASS	

* Cannabinoids analysed by LC-MS/MS (Method CR-TM-161)

** 34 Terpenes Analyzed by GC-MS and quantified using authentic standards (Method CR-TM163). Terpenes above LOQ are shown. The ISO-17025 certified third-party analysis laboratory is using validated methods.