



Strain:	BC Organic Pemberton Pink	CTL sample ID:	22E1325,22E1328
Lot #:	LOTG00RPOSNXBU	Authorized by:	Dr. Joost Luecker
Lot name:	2103C01_DIP	Signature: (All values are a true reflection of the lab COA)	
Product Category:	Dried Cannabis Flower	Title:	AQAP
COA prepared on (DD/MM/YYYY):	13/06/2022		

Potency	% (wt/wt)	mg/g	Total CBD	% (wt/wt)	mg/g	% (wt/wt)	mg/g
Total THC	25.4%	254mg/g	Total CBD	<0.188%	<1.88mg/g		
Δ 9-THC	0.438%	4.38mg/g	CBD	<0.100%	<1.00mg/g	CBN	<0.100% <1.00mg/g
THCA	28.5%	285mg/g	CBDA	<0.100%	<1.00mg/g	CBNA	<0.100% <1.00mg/g

Other Cannabinoids*	% (wt/wt)	% (wt/wt)	% (wt/wt)
CBC	<0.100%	CBDV	<0.100%
CBCA	0.231%	CBDVA	<0.100%
CBG	0.152%	THCV	<0.100%
CBGA	1.46%	THCVA	0.166%
		Δ 8-THC	<0.100%
		CBL	<0.100%

Terpenes**	% (wt/wt)	% (wt/wt)	% (wt/wt)
Total terpenes	1.67%	α-humulene	0.0896%
1: myrcene	0.402%	β-pinene	0.0595%
2: β-caryophyllene	0.324%	camphene	0.0121%
3: limonene	0.300%	(1R)-Endo-(+)-Fenchyl Alcohol	0.0608%
4: α-bisabolol	0.187%	Borneol (D+L)	0.0123%
5: linalool	0.181%	α-pinene	0.0410%

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)	15.2 % (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
	TYMC		≤50000 CFU
	BTGN		<10000 CFU
	Salmonella		absent in 25g
	E. Coli		absent in 1g
Aflatoxins	B1	Ph. Eur. Ch. 2.8.18 (CR-TM-156,-customized from <USP> 561)	≤2 ppb
	Total (B1, B2, G1, G2)		≤4 ppb
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
	Cd		<1 ppm
	Pb		<1.66 ppm
	Hg		<0.1ppm
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.