

CERTIFICATE OF ANALYSIS FOR VAPE CARTRIDGES

PRODUCT NAME: **Upstate Carts, Indica THC Night, Blueberry Kush 800mg/mL THC**

LOT NUMBER: **FXBK-V23318-1**

EXPIRY DATE: **05/30/2025**

To be compliant with

- EU GMP standards

Test	Test Method	Results	Specification		
			Units of Reporting		
Appearance	Visual Inspection	Brown Coloured Sticky Substance	Thick Amber Substance		
Density	Ph. Eur. 2.2.5	1.0152 g/mL	Report Result		
Total delta-9 Tetrahydrocannabinol (Total THC)	Validated Test Method (THC + 0.877 x THCA)	79.27% w/w 804.7 mg/mL	Report Result % w/w and mg/mL		
Total Cannabidiol (Total CBD)	Validated Test Method (CBD + 0.877 x CBDA)	0.26 % w/w 2.589 mg/mL	Report Result % w/w and mg/mL		
Cannabinoid Profile Testing CBC, CBCA, CBD, CBDV, CBDVA, CBDA, CBCV, CBCVA, CBG, CBGA, CBL, CBLA, CBN, CBNA, Delta 8-THC, Delta-9-THC, THCA, THCV, THCVA	Ph. Eur. 2.2.27 As per European Pharmacopeia monographs. Validated Test Method	Cannabinoid	% w/w		
			mg/mL	% w/w and mg/mL	
		CBDVA	ND	ND	Report Result
		CBDV	ND	ND	
		CBDA	ND	ND	
		CBGA	ND	ND	
		CBG	2.22	22.49	
		CBD	0.26	2.59	
		THCV	0.61	6.16	
		THCVA	ND	ND	
		CBN	1.46	14.85	
		CBNA	ND	ND	
		Δ9-THC	79.27	804.7	
		Δ8-THC	ND	ND	
		CBL	<LOQ	<LOQ	
CBC	0.68	6.88			
Δ9-THCA	ND	ND			
CBCA	ND	ND			
CBLA	ND	ND			
Microbial Analysis					
TAMC	Ph. Eur. 2.6.12	<10	<200 CFU/g		
Total Yeast and Mold	Ph. Eur. 2.6.12	<10	<20 CFU/g		

Bile Tolerant Gram Negative Bacteria	Ph. Eur. 2.6.13	Absent in 1g	Absent in 1g
Salmonella	Ph. Eur. 2.6.13	Absent in 10g	Absent in 10g
E. coli	Ph. Eur. 2.6.13	Absent in 1g	Absent in 1g
Staph. aureus	Ph. Eur. 2.6.13	Absent in 1g	Absent in 1g
Residual Solvents - Ethanol	EXPTM678	58	< 5000 ppm
Aflatoxins			
Aflatoxin B1	Ph. Eur. 2.8.18	Not Detected (<2 ppb)	≤ 2 µg/kg
Aflatoxin (B1 + B2 + G1 + G2)	Ph. Eur. 2.8.18	Not Detected (<4 ppb)	≤ 4 µg/kg
Heavy metals			
Arsenic	Ph. Eur. 2.4.27	< LOD (0.038ppm)	NMT 3.0 mg/kg (ppm)
Cadmium	Ph. Eur. 2.4.27	< LOD (0.038ppm)	NMT 0.5 mg/kg (ppm)
Lead	Ph. Eur. 2.4.27	< LOD (0.038 ppm)	NMT 5.0 mg/kg (ppm)
Mercury	Ph. Eur. 2.4.27	< LOD (0.019 ppm)	NMT 0.5 mg/kg (ppm)
Content	Weighed	1.0	1.0g +10%/-0%

Distillate input material lot(s): 1729, 1729(2), 1771(1), 1771(7), 1771(6),
Dried flower biomass input material lot(s): 1985, 1986

Input Material: Dried Flower
Lot: 1985

Test	Test Method	Results	Specification Units of Reporting
Identification A: Macroscopic	TGO 93 DAB Monograph	Complies	Complies with Monograph
Identification B: Microscopy	TGO 93 DAB Monograph	Complies	Complies with Monograph
Identification C: Thin Layer Chromatography	TGO 93 DAB Monograph	Complies	Complies with Monograph
Total Ash	Ph. Eur. 2.4.16	10.53	≤ 20.0%
Foreign Matter	Ph. Eur. 2.8.2	Conforms	≤ 2.0%
Ochratoxin A	Ph. Eur. 2.8.22	<20	≤ 20 µg/kg
Pesticides	Ph. Eur. 2.8.13	Complies	≤ limits specified in Ph. Eur. 2.8.13

Input Material: Dried Flower

Lot: 1986

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Identification A: Macroscopic	TGO 93 DAB Monograph	Complies	Complies with Monograph
Identification B: Microscopy	TGO 93 DAB Monograph	Complies	Complies with Monograph
Identification C: Thin Layer Chromatography	TGO 93 DAB Monograph	Complies	Complies with Monograph
Total Ash	Ph. Eur. 2.4.16	10.47	≤ 20.0%
Foreign Matter	Ph. Eur. 2.8.2	Conforms	≤ 2.0%
Ochratoxin A	Ph. Eur. 2.8.22	<20	≤ 20 µg/kg
Pesticides	Ph. Eur. 2.8.13	Complies	≤ limits specified in Ph. Eur. 2.8.13

NMT = Not More Than

ND = Not Detected

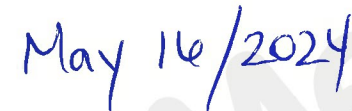
LOQ = Limit of Quantification

LOD = Limit of Detection

Signed: 

Name: Lori Lynn Verbeem

Position: Director of Quality, QAP

Date: 

CERTIFICATE OF ANALYSIS FOR VAPE CARTRIDGES

PRODUCT NAME: **Upstate Carts, Indica THC Night, Blueberry Kush, 800 mg/mL THC**

LOT NUMBER: **FXBK-V23300-1**

EXPIRY DATE: **05/30/2025**

To be compliant with

- EU GMP standards

Test	Test Method	Results	Specification		
			Units of Reporting		
Appearance	Visual Inspection	Brown Coloured Sticky Substance	Thick Amber Substance		
Density	Ph. Eur. 2.2.5	1.0266 g/mL	Report Result		
Total delta-9 Tetrahydrocannabinol (Total THC)	Validated Test Method (THC + 0.877 x THCA)	81.92% w/w 841.0 mg/mL	Report Result % w/w and mg/mL		
Total Cannabidiol (Total CBD)	Validated Test Method (CBD + 0.877 x CBDA)	0.20 % w/w 2.063 mg/mL	Report Result % w/w and mg/mL		
Cannabinoid Profile Testing CBC, CBCA, CBD, CBDV, CBDVA, CBDA, CBCV, CBCVA, CBG, CBGA, CBL, CBLA, CBN, CBNA, Delta 8-THC, Delta-9-THC, THCA, THCV, THCVA	Ph. Eur. 2.2.27 As per European Pharmacopeia monographs. Validated Test Method	Cannabinoid	% w/w	mg/mL	% w/w and mg/mL Report Result
		CBDVA	ND	ND	
		CBDV	ND	ND	
		CBDA	ND	ND	
		CBGA	0.03	0.30	
		CBG	2.64	27.08	
		CBD	0.20	2.06	
		THCV	0.45	4.63	
		THCVA	ND	ND	
		CBN	1.56	15.96	
		CBNA	ND	ND	
		Δ9-THC	81.92	841.0	
		Δ8-THC	ND	ND	
		CBL	ND	ND	
CBC	0.64	6.56			
Δ9-THCA	ND	ND			
CBCA	ND	ND			
CBLA	ND	ND			
Microbial Analysis					
TAMC	Ph. Eur. 2.6.12	<10	<200 CFU/g		
Total Yeast and Mold	Ph. Eur. 2.6.12	<10	<20 CFU/g		

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Cadmium	Ph. Eur. 2.4.27	< LOD (0.038ppm)	NMT 0.5 mg/kg (ppm)
Lead	Ph. Eur. 2.4.27	< LOD (0.038 ppm)	NMT 5.0 mg/kg (ppm)
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