



CERTIFICATE OF ANALYSIS

Code: OB-018-KK
Version: 2
Date: 08.11.2023

Laboratory number	24-964 / 220		
Product name	T3:C1 PINEAPPLE OG	Batch No	03072450
Declared content	(289 mg THC; 97 mg CBD) / cartridge		
Manufacturing/Packaging date	07.2024	Expiry / Retest date	03.2025
Type of packaging	0.5 g Standardized Cannabis extract / cartridge with yellow mouthpiece		
Specification code	IS-KK-GP0050	Version of specification	1
Analysis performed	14.08.2024		

No	Parameter	Acceptance criteria	Result	Testing Method
1	Appearance	Thick resinous substance with yellow to brown color and characteristic odor, filled in cartridges.	Conforms	Organoleptic
2	Identification	Positive for THC Retention time of the peak of THC that elutes in the chromatogram of the Test solution, suitably corresponds to the retention time of the peak of THC in the chromatogram of the standard solution. Positive for CBD Retention time of the peak of CBD that elutes in the chromatogram of the Test solution suitably corresponds to the retention time of the peak of CBD in the chromatogram of the standard solution.	Positive Positive	HPLC (Ph.Eur. 2.2.29) HPLC (Ph.Eur. 2.2.29)
3	Tetrahydrocannabinol (Δ^9 -THC)	Release requirement: 289mg $\pm$ 5%(w/w) Δ^9 -THC/ 0.5g cartridge (274.6mg–303.5mg) Δ^9 -THC/ 0.5g cartridge Shelf-life requirement: 289mg $\pm$ 10%(w/w) Δ^9 THC/ 0.5g cartridge (260.1mg–317.9mg) Δ^9 -THC/ 0.5 g cartridge	286.19 mg Δ^9 -THC/0.5 g	HPLC (Ph.Eur. 2.2.29)
4	Cannabidiol (CBD)	Release requirement: 97mg $\pm$ 5%(w/w) CBD/ 0.5g cartridge (92.2mg–101.9mg) CBD/ 0.5g cartridge Shelf-life requirement: 97mg $\pm$ 10%(w/w) CBD/ 0.5g cartridge (87.3mg–106.7mg) CBD/ 0.5 g cartridge	100.31 mg CBD/0.5 g	HPLC (Ph.Eur. 2.2.29)
5	Cannabinol (CBN)	Not more than 2.5 % (w/w) CBN	0.68 % (w/w) CBN	HPLC (Ph.Eur. 2.2.29)
6	Residual Ethanol	Max 5000 ppm	< 5000 ppm	GC/MS (Ph. Eur. 5.4.) (Ph. Eur. 2.2.28.; 2.2.43.)
7	Mycotoxins* •Aflatoxins	< 2 μ g/kg Aflatoxin B1 < 4 μ g/kg sum of Aflatoxins B1, B2, G1 and G2	< 2 μ g/kg < 4 μ g/kg	LC/MS/MS (Ph. Eur. 2.2.29.; 2.2.43.)



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	•Ochratoxin A	< 20 µg/kg	< 20 µg/kg	
8	Heavy metals*	< 1.0 ppm Cd < 5.0 ppm Pb < 0.1 ppm Hg < 2.0 ppm As	< 1.0 ppm < 5.0 ppm < 0.1 ppm < 2.0 ppm	ICP/OES (Ph. Eur. 2.2.57.)
9	Pesticides*	Not more than the limits specified in Ph. Eur. 2.8.13.	Conforms	GC/MS; LC/MS/MS (Ph. Eur. 2.2.28.; Ph. Eur. 2.2.29.; 2.2.43.) (Ph. Eur. 2.8.13.)
10	Microbiological quality	Total aerobic microbial count (TAMC) < 10 ² CFU / g Total combined yeasts and molds count (TYMC) < 10 ¹ CFU / g Absence of Staphylococcus aureus in 1 g Absence of Pseudomonas aeruginosa in 1 g Absence of Bile-tolerant gram-negative bacteria in 1 g	< 10 CFU / g < 10 CFU / g Absent in 1 g Absent in 1 g Absent in 1 g	Ph.Eur. 5.1.4 (Ph.Eur. 2.6.12) (Ph.Eur. 2.6.12) (Ph.Eur. 2.6.13) (Ph.Eur. 2.6.13) (Ph.Eur. 2.6.13)

* Parameters tested on starting material (Dry Cannabis flower, THC Rich; CBD Distillate Broad Spectrum)

Conclusion: T3:C1 PINEAPPLE OG, Batch No.: 03072450, expiry date: 03.2025, conforms to the requirement of the quality specification.

Date: 14.08.2024	Date: 15.08.2024	Date: 15.08.2024
Analyst: Javicz	Head of Laboratory: Javicz	Quality Control Manager: Javicz

