



CERTIFICATE OF ANALYSIS

Code: OB-018-KK
Version: 1
Date: 02.02.2021

Laboratory number:	22-083/006		
Product name:	Dry Cannabis flowers, variety Herijuana T16	Batch No:	09102103HE-T16
Declared content:	16% total THC (Δ^9 -THC + Δ^9 -THCA*0.877)		
Manufacturing date:	01.2022	Retest date:	01.2023
Specification code:	IS-QC-T16CPHE0009	Version:	2

No	Parameter	Requirements	Results	Testing method
1	Appearance	Brown green or deep green flowers with characteristic odor	Conforms	Organoleptic
2	Identification	Brown green or deep green flowers with characteristic odor	Conforms	Visual, macroscopic (DAB monograph, Cannabis flos)
		Characteristic perigonal bracts covered with secretory glands can be observed under microscope	Conforms	Visual, microscopic (DAB monograph, Cannabis flos)
		Characteristic violet zones are detected in the chromatogram of the Test solution, with Rf values corresponding to Rf values of the violet zones in the chromatogram of standard solutions of CBD and THCA	Conforms	TLC (DAB monograph, Cannabis flos) (Ph. Eur. 2.2.27)
		Retention times of the peaks that elute in the chromatogram of the Test solution, suitably correspond to the retention times of the peaks of CBD, CBDA, THC and THCA in the chromatograms of standard solutions	Conforms	HPLC (DAB monograph, Cannabis flos) (Ph. Eur. 2.2.29)
3	Foreign matter	Not more than 2 %	1.78%	(Ph. Eur. 2.8.2.)
4	Loss on drying	Not more than 10 %	6.2 %	(Ph. Eur. 2.2.32.)
5	Assay of total THC	16.0 % \pm 10.0 % of total THC (THC+THCA*0.877), calculated on dry basis	14.73 % total THC	HPLC (DAB monograph, Cannabis flos) (Ph. Eur. 2.2.29)
6	Assay of total CBD	Not more than 1.0% total CBD (CBD+CBDA*0.877), calculated on dry basis	0.04 % of total CBD	HPLC (DAB monograph, Cannabis flos) (Ph. Eur. 2.2.29)
7	Related substances	Not more than 1.0 % Cannabinol, calculated on dry basis	< 0.01% CBN	HPLC (DAB monograph, Cannabis flos) (Ph. Eur. 2.2.29)
8	Pesticides	Not more than the limits specified in Ph.Eur. 2.8.13	Not detected	GC/MS, LC/MS/MS (Ph. Eur. 2.8.13)
9	Aflatoxins	< 2 μ g/kg Aflatoxin B1 < 4 μ g/kg sum of Aflatoxins B1, B2, G1 and G2	Not detected	LC/MS/MS (In-house)
10	Ochratoxin A	< 20 μ g/kg	Not detected	LC/MS/MS (In-house) (Ph.Eur. 2.8.22)


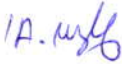


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11	Heavy metals	< 1.0 ppm Cd < 5.0 ppm Pb < 2.0 ppm As < 0.1 ppm Hg	0.30 ppm < LoD < LoD < LoD	ICP (Ph.Eur. 2.4.27)
12	Microbiological quality	TAMC < 10 ⁷ CFU/g TYMC < 10 ⁵ CFU/g Escherichia coli < 10 ³ CFU/g Absence of Salmonella in 25g Absence of Pseudomonas aeruginosa / 1g Absence of Staphylococcus aureus / 1g Bile-tolerant gram-negative bacteria <10 ⁴ CFU/g	3.5 x 10 ⁶ CFU/g 47.8 x 10 ⁴ CFU/g Absent / 1 g Absent / 25 g Absent / 1 g Absent / 1 g < 10 CFU/g	Ph.Eur. 5.1.8., A (Ph. Eur. 2.6.12.) (Ph. Eur. 2.6.12.) (Ph. Eur. 2.6.31.) (Ph. Eur. 2.6.31.) (Ph. Eur. 2.6.13.) (Ph. Eur. 2.6.13.) (Ph. Eur. 2.6.31.)

Conclusion: Dry Cannabis flowers, variety Herijuana T16, Batch No.: 09102103HE-T16, manufactured: 01.2022.,
Conforms to the requirements of the quality specification.

Date: 21.03.2022	Date: 21.03.2022	Date: 21.03.2022
Analyst: 	Checked by Head of laboratory: 	Approved by Quality Control Manager: 