



CERTIFICATE OF ANALYSIS

Code: OB-018-KK

Version: 1

Date: 02.02.2021

| | | | |
|---------------------|--|--------------------------|--------------|
| Laboratory number: | 22-721/167 | | |
| Product name: | Medical Cannabis flos GROW 22:1 LA SAGE (Dry Cannabis flowers, variety La Sage T22) | Batch No: | 030122LS-T22 |
| Declared content: | 22% total THC (Δ^9 -THC + Δ^9 -THCA*0.877) | | |
| Manufacturing date: | 05.2022 | Expiry date/retest date: | 05.2023 |
| Type of packaging: | 10 g Dry Cannabis flowers in plastic container, with induction sealing and CR closure | | |
| Specification code: | IS-KK-T22CPLS | 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 % | 0.95% | (Ph. Eur. 2.8.2.) |
| 4 | Loss on drying | Not more than 10 % | 6.71 % | (Ph. Eur. 2.2.32.) |
| 5 | Assay of total THC | 22.0 % \pm 10.0 % of total THC (THC+THCA*0.877), calculated on dry basis | 21.42 % 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 | 0.08 % 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) |



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| 9 | Aflatoxins | < 2 µg/kg Aflatoxin B1 < 4 µg/kg sum of Aflatoxins B1, B2, G1 and G2 | Not detected Not detected | LC/MS/MS (In-house) |
| 10 | Ochratoxin A | < 20 µg/kg | Not detected | LC/MS/MS (In-house) (Ph.Eur. 2.8.22) |
| 11 | Heavy metals | < 1.0 ppm Cd < 5.0 ppm Pb < 2.0 ppm As < 0.1 ppm Hg | 0.016 ppm 0.12 ppm 0.017 ppm 0.006 ppm | 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 | 1.0 x 10 ³ CFU/g 6.0 x 10 ⁴ CFU/g Absent / 1 g Absent / 25 g Absent / 1 g Absent / 1 g >10 <10 ² 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: Medical Cannabis flos GROW 22:1 LA SAGE, Batch No.: 030122LS-T22, manufactured: 05.2022.,
Conforms to the requirements of the quality specification.

Date: 21.07.2022

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Analyst:

Checked by Head of laboratory:

Approved by Quality Control Manager:

