



Release certificate

| | | | |
|-----------------|--|---|------------|
| Product: | Cannabis flos, variety Bedrocan (hemp flowers) | | |
| Country: | to be sold on the pharmaceutical market | | |
| Strength: | tetrahydrocannabinol: ca. 22% | cannabidiol: < 1.0% | |
| Dosage form: | flowers | | |
| Package size: | 5 grams in container, 400 grams in bags | | |
| Batch: | 22J31EY23B15 | | |
| Order numbers: | containers: 384148 to 384157 | | |
| | bags: 384159 | | |
| Grower/drier: | Bedrocan Nederland B.V. P.O. Box 2009 NL- 9640 CA Veendam | harvest date/period: 31 October 2022 | |
| Gamma | Synergy Health Ede B.V. | date: | dose: |
| irradiation: | Soevereinstraat 2 NL-4879 NN Etten-Leur | 15 February 2023 | ≥ 10,0 kGy |
| Packager: | Fagron B.V. Venkelbaan 101 NL-2908 KE Capelle a/d IJssel | date: 15 March 2023 – 23 March 2023 | |
| Laboratory: | Laboratorium Ofichem B.V. Heembadweg 5 NL-9561 CZ Ter Apel | 1. General analysis Analysis number: 40632 Report date: 12 December 2022 | |
| | | 2. Microbiology of end product in container Analysis number: 43143 Report date: 07 April 2023 | |
| Testing method: | OMC Monograph Cannabis Flower / Version 8.0 / November 01, 2021 | | |

| | Method | Specification | Result |
|---|--|---|---------|
| Characters | Monograph | Odour characteristic for Cannabis flower. Leaves shoot out no more than 20% of the length of the flower and stalks are mostly cut off directly under the bottom site of the flowers | conform |
| Identification | | | |
| <i>Macroscopic botanical characters</i> | Visual | Brown, green clustered flowers of about 1.5 to 3.0 cm length | conform |
| <i>Microscopic botanical characters</i> | Monograph | Gland hairs are mainly observed | conform |
| <i>Thin-layer chromatography</i> | Ph. Eur. (current ed.) 2.2.27, Monograph | Comparable with reference | conform |



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Our reference

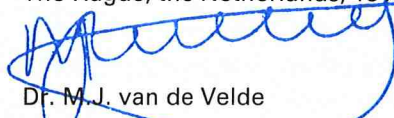
22J31EY23B15

| | | | |
|--|-------------------------------|------------------------------------|-------------------|
| Foreign material | Visual | Free from insects and other vermin | conform |
| Microbial contamination | Ph. Eur. (current ed.) | | |
| <i>Total aerobic microbial count (TAMC)</i> | 2.6.12, 2.6.13 | $\leq 10^2$ cfu/gram | $< 10^2$ cfu/gram |
| <i>Total combined yeasts/moulds count (TYMC)</i> | | $\leq 10^1$ cfu/gram | $< 10^1$ cfu/gram |
| <i>S. aureus, P. aeruginosa, bile-tolerant gram-negative bacteria</i> | | Absent (1 gram) | conform |
| Aflatoxins | Monograph | | |
| <i>Aflatoxin B₁</i> | | ≤ 2 µg/kg | < 2.0 µg/kg |
| <i>Sum of aflatoxins B₁, B₂, G₁ and G₂</i> | | ≤ 4 µg/kg | < 4.0 µg/kg |
| Pesticides | Ph. Eur. (current ed.) 2.8.13 | \leq Limits Ph. Eur. 2.8.13* | conform |
| Heavy metals | Ph. Eur. (current ed.) | | |
| <i>Lead</i> | 2.4.27, 2.2.58 | max. 20.0 ppm | < 5 ppm |
| <i>Cadmium</i> | | max. 0.5 ppm | < 0.125 ppm |
| <i>Mercury</i> | | max. 0.5 ppm | < 0.125 ppm |
| Loss on drying | Ph. Eur. (current ed.) 2.2.32 | ≤ 10.0 % | 8.4 % |
| Assay (HPLC) | Ph. Eur. (current ed.) | | |
| <i>Tetrahydrocannabinol (THC, total equivalent)</i> | 2.2.29, Monograph | 22 % [17.6 – 26.4] | 21.5 % |
| <i>Cannabidiol (CBD, total equivalent)</i> | | < 1.0 % | 0.1 % |
| Related substances (HPLC) | Ph. Eur. (current ed.) | | |
| <i>Cannabinol (CBN, total equivalent)</i> | 2.2.29, Monograph | ≤ 1.0 % | < 0.1 % |
| Content of container | BMC-SWV 360 | 5 gram | ± 5.15 gram |
| Expiry date | | | 29 Feb. 2024 |

*The following pesticides are not analysed: dithiocarbamates (expressed as CS₂), methoxychlor, paraoxon-methyl and tetradifon. The limit of detection is increased for fenpropathrin to 0.1 mg/kg and azinphos-ethyl to 1 mg/kg.

I hereby certify that the above information is authentic and accurate. This batch of product has been cultivated and manufactured, including packaging and quality control at the above mentioned sites in full compliance with the GAP requirements as published in the Dutch State Gazette (Staatscourant) as the annex to the Regulation of the Minister of Health, Welfare and Sport of 9 January 2003, GMT/BMC 2340685, and with the specifications as stated in this document. The batch processing, packaging and analysis records were reviewed and found to be in compliance with GAP and GMP.

The Hague, the Netherlands, 13 April 2023


 Dr. M.J. van de Velde
 Head, Office of Medicinal Cannabis
 Dr. M.J. van de Velde