



## 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:** **22A31EY22E04**  
**Order numbers:** containers: 381945 to 381953  
bags: 381955  
**Grower/drier:** Bedrocan Nederland B.V. harvest date/period:  
P.O. Box 2009 31 January 2022  
NL- 9640 CA Veendam  
**Gamma irradiation:** Synergy Health Ede B.V. date: dose:  
Soeverinstraat 2 04 May 2022 ≥ 10,0 kGy  
NL-4879 NN Etten-Leur  
**Packager:** Fagron B.V. date:  
Venkelbaan 101 28 June 2022 – 6 July 2022  
NL-2908 KE Capelle a/d IJssel  
**Laboratory:** Laboratorium Ofichem B.V. 1. General analysis  
Heembadweg 5 Analysis number: 35314  
NL-9561 CZ Ter Apel Report date: 08 March 2022  
2. Microbiology of end product in container  
Analysis number: 38070  
Report date: 12 July 2022  
**Testing method:** OMC Monograph Cannabis Flower / Version 8.0 / November 01, 2021

Characters	Method	Specification	Result
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



Page

2

Our reference

22A31EY22E04

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 B<sub>1</sub></i>		$\leq 2$ $\mu\text{g}/\text{kg}$	$< 2.0$ $\mu\text{g}/\text{kg}$
<i>Sum of aflatoxins B<sub>1</sub>, B<sub>2</sub>, G<sub>1</sub> and G<sub>2</sub></i>		$\leq 4$ $\mu\text{g}/\text{kg}$	$< 4.0$ $\mu\text{g}/\text{kg}$
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	$\leq 10.0$ %	8.4 %
Assay (HPLC)	Ph. Eur. (current ed.)		
<i>Tetrahydrocannabinol (THC, total equivalent)</i>	2.2.29, Monograph	22 % [17.6 – 26.4]	21.4 %
<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	$\leq 1.0$ %	$< 0.1$ %
Content of container	BMC-SWV 360	5 gram	$\pm 5.14$ gram
Expiry date			May 2023

\*The following pesticides are not analysed: dithiocarbamates (expressed as CS<sub>2</sub>), 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, 14 July 2022

Dr. M.J. van de Velde

Head, Office of Medicinal Cannabis