



Release certificate

Product: **Cannabis flos, variety Bedrocan (hemp flowers)**
Country: to be sold on the pharmaceutical market
Strength: tetrahydrocannabinol: approx. 22% cannabidiol : <1.0%
Dosage form: flowers
Package size: 5 grams in container, 400 grams in bags
Batch: **20C02EY20D15**
Order numbers: containers: 369511 to 369522
bags: not available
Grower/drier: Bedrocan BV harvest date/period:
P.O. Box 2009 2 March 2020
NL- 9640 CA Veendam
Gamma irradiation: Synergy Health date: dose:
Soeverinstraat 2 15 April 2020 ≥ 10,0 kGy
NL-4879 NN Etten-Leur
Packager: Fagron BV date:
Venkelbaan 101 27 May – 11 June 2020
NL-2908 KE Capelle a/d IJssel
Part of analysis: 1. general analysis 2. microbiology of end product in
container
Laboratories: 1. Laboratorium Ofichem B.V. 2. Bactimm BV
Heembadweg 5 Middenkampweg 17
NL-9561 CZ Ter Apel NL-6545 CH Nijmegen
Analysis number: 1. 23362 2. AAI10718
Report date: 1. 23 June 2020 2. 9 June 2020
Testing method: Analytical monograph by BMC / Farmalyse, version 7.1, Nov. 28, 2014

	Method	Specification	Result
Appearance	monograph	brown green clustered flowers of 1,5 to 3 cm with a characteristic smell	conform
Identity			
<i>microscopy</i>	monograph	mainly gland hairs visible	conform
<i>thin layer chromatography</i>	monograph	monograph	conform
Foreign material	monograph	stalks, insects and other vermin are absent	conform
Fineness	monograph	<ul style="list-style-type: none">no leaves shooting out more than 20% of the length of the flowersstalks are cut away directly under the bottom flowers of the inflorescence	conform



	Method	Specification	Result
Microbiological purity	Ph. Eur (current ed.) 5.1.4.		
<i>Total aerobic microbial count (TAMC)</i>	5.1.4.-1.	$\leq 10^2$ cfu/gram	<10 cfu/gram
<i>Total yeast and moulds count (TYMC)</i>	5.1.4.-1.	≤ 10 cfu/gram	<10 cfu/gram
<i>P. aeruginosa, S.aureus and Bile tolerant gram neg bacteria</i>	5.1.4.-1.	absent	conform
Absence of aflatoxines	Ph. Eur (current ed.) "Determination of aflatoxins B ₁ , B ₂ , G ₁ and G ₂ in herbal drugs" (2.8.18)	≤ 4 μ g/kg	< 4.0 μ g/kg
Absence of pesticides	Ph. Eur (current ed.) "Pesticide residues" (2.8.13)	\leq Limits Ph. Eur 2.8.13*	conform
Absence of heavy metal <i>lead</i>	Ph. Eur (current ed.) "Heavy metals in herbal drugs and fatty oils" (monograph)	max. 20.0 ppm	< 5 ppm
<i>mercury</i>		max. 0.5 ppm	< 0.125 ppm
<i>cadmium</i>		max. 0.5 ppm	< 0.125 ppm
Loss on drying	Ph. Eur (current ed.) "Loss on drying" meth. C (2.2.32)	≤ 10.0 %	8.5 %
Assay (HPLC)			
<i>tetrahydrocannabinol(THC)</i>	monograph	approx. 22 %	22.6 %
<i>cannabidiol (CBD)</i>	monograph	< 1.0 %	< 0.1 %
Related substances (HPLC)			
<i>cannabinol (CBN)</i>	monograph	< 1.0 %	< 0.1 %
Content of container	BMC-SWV 320	approx. 5 gram	$\pm 5,14$ gram
Expiry date			04 / 2021

*Due to technical limitations the following pesticides could not be analysed: Dithiocarbamates (expressed as CS₂), Methoxychlor and Tetradifon.

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, 1 July 2020


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