



### Release certificate

Product: Cannabis flos, variety Bediol (hemp flowers), granulated  
Country: to be sold on the pharmaceutical market  
Strength: dronabinol: approx. 6.3% cannabidiol: approx. 8%  
Dosage form: flowers  
Package size: 5 grams in container  
Batch: 17C13FB17D04  
Order numbers: 332439 to 332443  
Grower/drier: Bedrocan BV harvest date/period:  
P.O. Box 2009 13 March 2017  
NL- 9640 CA Veendam  
Gamma irradiation: Synergy Health date: dose:  
Soeverinstraat 2 4 April 2017 ≥ 10,0 kGy  
NL-4879 NN Etten-Leur  
Packager: Fagron BV date:  
Venkelbaan 101 20 – 24 April 2017  
NL-2908 KE Capelle a/d IJssel  
Part of analysis: 1. general analysis 2. microbiology of end product in container  
Laboratories: 1. PROXY Laboratories BV 2. Bactimm BV  
Archimedesweg 25 Middenkampweg 17  
NL-2333 CM Leiden NL-6545 CH Nijmegen  
Analysis number: 1. 394-0098527 2. 08.462  
Report date: 1. 21 April 2017 2. 1 May 2017  
Testing method: Analytical monograph by BMC / Farmalyse, version 7.1, Nov. 28, 2014  
End check: Office of Medicinal Cannabis date: 26 April 2017

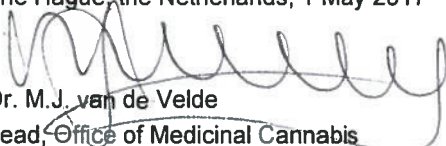
	Method	Specification	Result
Appearance	monograph	brown green granulated material of the flowers (about 5 mm) with a characteristic smell	conform
Identity			
<i>microscopy</i>	monograph	mainly gland hairs visible	conform
<i>thin layer</i>	monograph	monograph	conform
<i>chromatography</i>			
Foreign material	monograph	stalks, insects and other vermin are absent	conform
Fineness	monograph	fine granulated flowers without stalks longer than 1,0 – 1,5 cm	conform



	Method	Specification	Result
Microbiological purity	Ph. Eur (current ed.) 5.1.4.		
<i>Total aerobic microbial count (TAMC)</i>	5.1.4.-1.	≤10 <sup>2</sup> 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 <sub>1</sub> , B <sub>2</sub> , G <sub>1</sub> and G <sub>2</sub> in herbal drugs" (2.8.18)	< 4 µg/kg	< 2.2 µg/kg
Absence of pesticides	monograph	Ph. Eur (current ed.) 2.8.13	conform
Absence of heavy metals			
<i>lead</i>	Ph. Eur (current ed.)	max. 20.0 ppm	< 0.5 ppm
<i>mercury</i>	"Heavy metals in herbal drugs and fatty oils" (monograph)	max. 0.5 ppm	< 0.1 ppm
<i>cadmium</i>		max. 0.5 ppm	< 0.1 ppm
Loss on drying	Ph. Eur (current ed.) "Loss on drying" meth. C (2.2.32)	≤10.0 %	8.0 %
Assay (UPLC)			
<i>fingerprint</i>	monograph	similar	conform
<i>dronabinol (THC)</i>	monograph	approx. 6.3 %	6.3 %
<i>cannabidiol (CBD)</i>	monograph	approx. 8 %	8.2 %
Related substances (UPLC)			
<i>cannabinol (CBN)</i>	monograph	< 1.0 %	0.1 %
Content of container	BMC-SWV 320	approx. 5 gram	± 5.06 gram
Expiry date			03 / 2018

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 May 2017

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