



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: 21E31EY21G07
Order numbers: containers: 378747 to 378751
bags: 378752
Grower/drier: Bedrocan B.V. harvest date/period:
P.O. Box 2009 31 May 2021
NL- 9640 CA Veendam
Gamma irradiation: Synergy Health Ede B.V. date: dose:
Soevereinstraat 2 7 July 2021 ≥ 10,0 kGy
NL-4879 NN Etten-Leur
Packager: Fagron B.V. date:
Venkelbaan 101 16 – 27 September 2021
NL-2908 KE Capelle a/d IJssel
Laboratory: Laboratorium Ofichem B.V. 1. General analysis
Heembadweg 5 Analysis number: 30499
NL-9561 CZ Ter Apel Report date: 29 June 2021
2. Microbiology of end product in container
Analysis number: 32411
Report date: 5 October 2021
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	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 flowers• stalks are cut away directly under the bottom site of the flowers	conform



Microbiological purity	Ph. Eur (current ed.)	5.1.4.		
<i>Total aerobic microbial count (TAMC)</i>	5.1.4.-1.		≤10 ² cfu/gram	< 10 ² cfu/gram
<i>Total yeast and moulds count (TYMC)</i>	5.1.4.-1.		≤10 ¹ cfu/gram	< 10 ¹ cfu/gram
<i>P. aeruginosa, S.aureus and Bile tolerant gram neg bacteria</i>	5.1.4.-1.		absent	conform
Absence of aflatoxins	Ph. Eur (current ed.)			
	"Determination of aflatoxins B ₁ , B ₂ , G ₁ and G ₂ in herbal drugs" (2.8.18)		≤ 4 µg/kg	< 4.0 µg/kg
Absence of pesticides	Ph. Eur (current ed.)		≤ Limits Ph. Eur 2.8.13*	conform
	"Pesticide residues" (2.8.13)			
Absence of heavy metals	Ph. Eur (current ed.)			
<i>lead</i>	"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 %	9.3 %
Assay (HPLC)				
<i>tetrahydrocannabinol(THC)</i>	monograph		approx. 22 %	20.3 %
<i>cannabidiol (CBD)</i>	monograph		< 1.0 %	0.07 %
Related substances (HPLC)				
<i>cannabinol (CBN)</i>	monograph		< 1.0 %	< 0.1 %
Content of container	BMC-SWV 320		approx. 5 gram	± 5.15 gram
Expiry date				07 / 2022

*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.

Ministry of Health, Welfare and Sport

Office of Medicinal Cannabis

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Our reference

21E31EY21G07

The Hague, the Netherlands, 6 October 2021

Dr. M.J. van de Velde

head, Office of Medicinal Cannabis

