
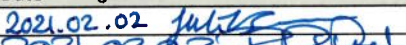


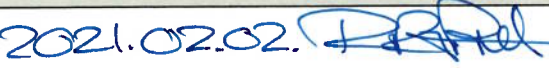


CANOPY GROWTH COOPERATIVE		CoA/CoC MP21-3002		CODE	CoA-010 (CZ)
				Edition	01
				Effective date	2021-01-04
Product name	Yellow 12		Country	CZ	
Internal reference name	Y3N		Item nr.	Y3N-02-X2	
Product type	Intermediate product		Product form	Irradiated Dried flower	
Package size	5 g		Herbal Drug batch no	BU20-2002	
Product strength	THC:	0.3 -1.0 %	Primary Package	Sealed alu bag, 18 cm x 18 cm	
	CBD:	12%			
Batch size	3259 g		Secondary Package	White carton box 18.5cm x 18.5cm x 4cm	
Batch no	MP21-3002		Specification	SPEC-054 edition 02	
Date of manufacturing	2021-01-11		Expiry date	06-2021	
Analytical parameter	Method reference	Acceptance criteria	Results		
Appearance - Packaging	MET-001	Primary packaging is closed alu-coated bag (180mm ± 2mm x 180mm ± 2mm) with white label. Secondary packaging is white carton (185mm ± 2mm x 185mm ± 2mm) with white label and closed with two tamperproof labels.	Conforms		
Appearance – Printed labels	MET-001	Printed text is correct and readable	Conforms		
Fill weight	MET-001	5.0 - 5.5 g	Conforms		
Organoleptic properties ^a	DLS Cannabis Flos	Green to dark green flowers with red-orange to brown stigmas.	Conforms		
Identification – macroscopic ^a	DLS Cannabis Flos	Comply	Conforms*		
Identification – microscopic ^a	DLS Cannabis Flos	Comply	Conforms*		
Identification – TLC ^a	Ph.Eur. 2.2.27/CP ^b 2.2.27, DAB Monograph Cannabis flos	Comply	Conforms**		
Total Ash ^a	DLS Cannabis Flos / Ph.Eur. 2.4.16 / CP ^b 2.4.16	≤ 20 %	10%		
Foreign matter ^a	DLS Cannabis Flos / Ph.Eur. 2.8.2 / CP ^b 2.8.2	≤ 2 %	0%		
Heavy metals ^a	DLS Cannabis Flos / Ph.Eur. 2.4.27 / CP ^b 2.4.27	· ≤ 1.0 ppm · ≤ 5.0 ppm · ≤ 0.1 ppm	· <0.5 ppm* · <2.5 ppm* · <0.05 ppm*		
Loss on drying ^a	DLS Cannabis Flos / Ph.Eur. 2.2.32 / CP ^b 2.2.32	≤ 10 %	9%		
Pesticide residues ^a	DLS Cannabis Flos / Ph.Eur. 2.8.13 / CP ^b 2.8.13 (SPG-14.131 and SPG-14.141)	Comply with limits in Table 2.8.13.1	Conforms*		
Mycotoxins ^a	DLS Cannabis Flos / Ph.Eur. 2.8.18 / CP ^b 2.8.18	≤ 2 µg/kg ≤ 4 µg/kg	· <1 µg/kg* · <2 µg/kg		
Microbiological purity	DLS Cannabis Flos / Ph.Eur. 2.6.12 and 2.6.31 / CP ^b 2.6.12 and 2.6.31	≤ 10 ² CFU/g ≤ 10 ¹ CFU/g Absence in 1 g Absence in 1 g Absence in 1 g	· <20 CFU/g* · <2 CFU/g* · Absent in 1 g* · Absent in 1 g* · Absent in 1 g*		
		Absence in 1 g Absence in 25 g	· Absent in 1 g* · Absent in 25 g*		

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	CBD:	12%		
Batch size	3259 g		Secondary Package	White carton box 18.5cm x 18.5cm x 4cm
Batch no	MP21-3002		Specification	SPEC-054 edition 02
Date of manufacturing	2021-01-11		Expiry date	06-2021
Quantitative determinations of cannabinoids ^a	DLS Cannabis Flos / Ph.Eur. 2.2.29 / CP ^b 2.2.29			
· THC			0.3-1.0%	0.57 %
· CBD			12% ± 10.0 % (10.8-13.2%)	12.4 %
· CBN			≤1.0 %	<0.05 %
Irradiation E-Beam ^a	FR-ESP-2020-001			
· Minimum dose			15.2-18.8 kGy	16.6 kGy
· Maximum dose			15.2-18.8 kGy	16.9 kGy
Comments:				
^a Performed on Herbal Drug Bulk according to SPEC-055 edition 02.				
^b Czech Pharmacopoeia				
After verification of the Czech Pharmacopoeia and Decree No. 236/2015 it can be confirmed that the required analysis are harmonised with the European Pharmacopoeia and that they are used in the GMP certified laboratories.				
Activity	Company			Auth. no
Manufacturing site	Canopy Growth Denmark ApS, Grønnegyden 105, DK-5270 Odense N			38698
Irradiation site	Sterigenics Denmark A/S, Aa. Louis-Hansens Allé 11, DK – 3060 Espergærde			37797
Quality Control sites	Canopy Growth Denmark ApS, Grønnegyden 105, DK-5270 Odense N			38698
	Eurofins Biopharma Product Testing, Ørnebjergvej 1, DK - 2600 Glostrup (marked with * if used)			37990
	Laboratorium Dr. Liebich, Rittiweg 2, DE - 77767 Appenweier (marked with ** if used)			Liebich_Z002_17 DE_BW_01_Liebich
Date and signature				
Prepared by:	2021.02.02 			
Checked by:	2021.02.02 			
Approved by (QA)	2021.02.02 			
Certification statement				
I hereby certify that all the manufacturing stages of this batch of finished product have been carried out in full compliance with the EU GMP requirements and according to the Danish law and order concerning the manufacturing of cannabis products.				
Authorisation of the batch release				
Competent Person or delegate	2021.02.02. 			
	Canopy Growth Denmark ApS			