



Specification Sheet

(Valid until implementation of EP Monograph 7/2024:3028 Cannabis flower according to CC2024-003)

Product: **Cannabis flos, variety Bediol** (hemp flowers)
Market: to be sold on the pharmaceutical market
Strength: tetrahydrocannabinol: ca. 6.3% cannabidiol: ca. 8%
Dosage form: flowers, granulated
Package size: 5 grams in containers, 400 grams in bags
Analytical Monograph: OMC Monograph Cannabis Flower / Version 8.0 / November 01, 2021

	Method	Specification	
Odour	Ph. Eur. (current ed.) 2.3.4	Characteristic for Cannabis flower	
Appearance	Visual	Stalks are no longer than 2.0 cm and only 20% of the stalks are between 1.5 and 2.0 cm	
Identification			
<i>Macroscopic botanical characters</i>	Visual	Brown, green granulates of flowers of about 4 to 6 mm in diameter	
<i>Microscopic botanical characters</i>	Monograph	Gland hairs are mainly observed	
<i>Thin-layer chromatography</i>	Ph. Eur. (current ed.) 2.2.27, Monograph	Comparable with reference	
Loss on drying	Ph. Eur. (current ed.) 2.2.32	≤ 10.0 %	
Foreign material	Visual	Free from insects and other vermin	
Aflatoxins	Monograph	Aflatoxin B1	≤ 2 µg/kg
		Sum of aflatoxins B1, B2, G1 and G2	≤ 4 µg/kg
Pesticides	Ph. Eur. (current ed.) 2.8.13	≤ Limits Ph. Eur. 2.8.13	

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Heavy metals	Ph. Eur. (current ed.) 2.4.27, 2.2.58	Lead	≤ 20.0 ppm
		Cadmium	≤ 0.5 ppm
		Mercury	≤ 0.5 ppm
Assay	Ph. Eur. (current ed.) 2.2.29, Monograph	Tetrahydrocannabinol (THC, total eq.)	6.3% [5.0 – 7.6]
		Cannabidiol (CBD, total eq.)	8.0% [6.4 – 9.6]
Related substances	Ph. Eur. (current ed.) 2.2.29, Monograph	Cannabinol (CBN, total eq.)	≤ 1.0%
Microbial contamination	Ph. Eur. (current ed.) 2.6.12, 2.6.13	Total aerobic microbial count (TAMC)	≤ 10 ² CFU/gram
		Total combined yeasts/moulds count (TYMC)	≤ 10 ¹ CFU/gram
		<i>Staphylococcus aureus</i>	Absent (1 gram)
		<i>Pseudomonas aeruginosa</i>	Absent (1 gram)
		Bile-tolerant gram-negative bacteria	Absent (1 gram)