

## Specification

### CANNABIS FLOS 20/1 IMC

Product:

**IMC T 01**

Strain:

**Tetrahydrocannabinol: ca. 20 %**

**Cannabidiol: ca. 1 %**

THC/CBD ratio:

**Cannabis Sativa Dried Flower**

Pharmaceutical form:



Beta-Caryophyllen  
oxide



Beta-  
Caryophyllen



Alpha-Pinen



Alpha Humulen

### MONOGRAPHS

The monograph of the Cannabis Dry Flower is found in the German Pharmacopoeia in its version of DAB 2017 (Cannabisblüten DAB Monographie).

In addition to this, the European Monograph of medicinal plants and the European Pharmacopoeia are taken as a reference for the performance of additional tests.

### STORAGE CONDITIONS

- Keep closed in primary packaging, vacuum packed polyethylene bags.
- Keep protected from light in a cool and dry place.
- Store below 25 °C.

### PACKAGING

#### Primary Packaging

- Transparent 30 g bag / 200 x 300 / PET+MET/PE12/110
- Metallic 30 g bag / 200 x 300 / PET+MET/PE12/110

Acceptance limits for packaging will be those indicated in the technical data sheets & specifications of IMC Packaging Products resp. primary packaging supplier.

### ACCEPTANCE LIMITS CANNABIS FLOS

The acceptance limits will be those indicated in the product specifications. For CBN, the result of the analysis is informative, with no acceptance limits.

### IRRADIATION TREATMENT

The irradiation treatment comply with the requirements according to AMRadV.

## SPECIFICATIONS AFTER IRRADIATION

Test	Method	Specification
APPEARANCE	Organoleptic	Brown or Green Plant material
IDENTITY	TLC, European Pharmacopoeia 2.2.27 HPLC, European Pharmacopoeia 2.2.29	Contains THC or/and CBD
IDENTITY-FINGERPRINT	HPLC, European Pharmacopoeia 2.2.29	Compliance with reference extract
LOSS ON DRYING	European Pharmacopoeia 2.2.32	< 10.0 % a/a
<sup>1</sup> TOTAL CONTENT CBN (%)	HPLC, European Pharmacopoeia 2.2.29	< 1.0 %
TOTAL CONTENT THC (%)	HPLC, European Pharmacopoeia 2.2.29	20.0 % (18.0-22.0) %
<sup>1</sup> TOTAL CONTENT CBD (%)	HPLC, European Pharmacopoeia 2.2.29	< 1.0 %
LEAD	European Pharmacopoeia Herbal Drugs 01/2012 1433. European Pharmacopoeia 2.4.27	< 5.0 ppm
MERCURY		< 0.1 ppm
CADMIUM		< 1.0 ppm
AFLATOXINS ABSENCE (B1, B2, G1, G2)	European Pharmacopoeia 2.8.18	< 4.0 ppb
AFLATOXIN B1	European Pharmacopoeia 2.8.18	< 2.0 ppb
*PESTICIDES ABSENCE	European Pharmacopoeia 2.8.13	Absence (< 0.1 ppm)
FOREIGN MATTER	DAB Monograph Cannabis flos	Essentially free of individual stem (< 1,5 cm), hair, insect, or other solids
TAMC (Total Aerobic Microbial Count)	European Pharmacopoeia 2.6.12, 2.6.13, 2.6.31, 5.1.8 Table B	$\leq 5.0 \times 10^5$ ( $\leq 50,000$ ) CFU/g
TYMC (Total Combined Yeast and Moulds Count)		$\leq 5.0 \times 10^4$ ( $\leq 500$ ) CFU/g
BILE-TOLERANT GRAM (-) BACTERIA		$\leq 1.0 \times 10^4$ ( $\leq 100$ ) CFU/g
PSEUDOMONAS AERUGINOSA		Absence/g
STAPHYLOCOCCUS AUREUS		Absence/g
ESCHERICHIA COLI		Absence/g
SALMONELLA SPP.		Absence/25 g

<sup>1</sup> Informative data

\* European Pharmacopoeia 2.8.13

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