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Univ. Alicante, San Vicente del Raspeig 03690 (Alicante, Spain).
Tel: +34 965 676 603
www.medalchemy.com

Product name: *Cannabis sativa* L. Flower

Commercial name: Curaleaf Natural 22/1 CA GCT **Certificate Version:** 00

Analysis No.: PF-0867/26 **Lot No.:** RFN/05/26

Supplier: Northern Green Canada **Analysis date:** October 2026

Storage: Below 25 °C **Expiry date:** June 2027
**Based on risk assessment*

Irradiated: No

Certificate of Analysis

Test	Method	Acceptance Criteria	Result
Identification A[(a)] (macroscopic)	*Ph.Eur. 3028 monograph*	In agreement with the reference description	Green clustered flowers with a distinctive scent
Identification B[(a)] (microscopic)	*Ph.Eur. 3028 monograph*	In agreement with the reference description	Complies
Identification C[(a)] (HPTLC)	*Ph.Eur. 3028 monograph*	In agreement with the reference HPTLC	Complies
Assay[(a)] (THC equivalent on the dried basis) (THC + THCA×0.877)	*Ph.Eur. 3028 monograph* or in-house [PA/FLOS/06]	90.0 – 110.0 % of the labelled content (19.8–24.2 % w/w THC)	101.1 % (22.3 % w/w)
CBD equivalent on the dried basis[(a)] (CBD + CBDA×0.877)		≤ 1.0 % w/w	0.05 %
CBN equivalent on the dried basis[(a)] (CBN + CBN×0.876)		≤ 1.0 % w/w	0.16 %
Foreign matter[(a)]	*Ph.Eur. current ed. 2.8.2*	≤ 2 %. The flower does not contain any seeds and the whole herbal dug does not contain any leaves more than 1.0 cm length	< 0.1 %
Loss on drying[(a)]	*Ph.Eur. current ed. 2.2.32*	≤ 12.0 %	6.6 %
Pesticides[(a)]	In-house [PI-I2376] or [PA/FLOS/07]	Meets the requirements of current *Ph. Eur. 2.8.13* list	Complies
Aflatoxins[(a)]	*Ph.Eur. current ed. 2.8.18* or in-house [PA/FLOS/11]	Aflatoxin B_1 ≤ 2 µg/kg	< 1 µg/kg
		Sum of aflatoxins B_1, B_2, G_1 and G_2 ≤ 4 µg/kg	< 4 µg/kg

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Test	Method	Acceptance Criteria	Result
Heavy metals[a]	*Ph.Eur. current ed. 2.4.27*	Arsenic ≤ 0.2 ppm	< 0.03 ppm
		Cadmium ≤ 0.3 ppm	< 0.03 ppm
		Lead ≤ 0.5 ppm	< 0.03 ppm
		Mercury ≤ 0.1 ppm	< 0.03 ppm
Microbiology *(Ph. Eur. 5.1.8-C)*	*Ph.Eur. current ed. 2.6.12*	Total Aerobic Microbial Count, TAMC ≤ 10^5 CFU/g[b]	< 100 CFU/g
		Total Yeast and Mould Count, TYMC ≤ 10^4 CFU/g[b]	< 10 CFU/g
	Ph.Eur. current ed. 2.6.31	Bile-tolerant gram-negative bacteria ≤ 10^4 CFU/g	< 10 CFU/g
		Escherichia coli absent in 1 g	Absent in 1 g
		Salmonella absent in 25 g	Absent in 25 g

[a] Analytical testing performed on the herbal starting material. Batch: MP-26-0444.

[b] Maximum acceptable counts: TAMC 500 000 CFU/g, and TYMC 50 000 CFU/g.

The product has been cultivated in Canada, following GACP requirements. Additional manufacturing steps and testing conducted under responsibility of Medalchemy in Spain have been conducted following GMP guidelines and has been released to the market. The product complies with Ph. Eur. monograph "Cannabis flos".

Prepared by:	Revised by:	Released by:
Date: 16th October 2026	Date: 19/10/2026	
Name: Julia Chicote	Name: [illegible]	
Quality Control	Quality Assurance	Qualified person