curaleaf

Certificate of Analysis (CoA) / Release

Cannabis flowers - Cannabis flos (Ph. Eur.)			
Product:	Curaleaf Natural 30/1 PT ZKS	**Batch number:**	**26ZK022RF1**
Package size:	100g	**Manufacturing Date:**	September 2026
Product Specifications:	PS.GMP.QU.06.11.03	**Shelf Life**	September 2027
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Test and Method Reference	Acceptance Criteria	Results
Identification A (Visual, EP Monograph for Cannabis Flower)	In agreement with the reference description	Complies
Identification B (EP Monograph for Cannabis Flower & EP 2.8.23)	In agreement with the reference description	Complies
Identification C (EP Monograph for Cannabis Flower & EP 2.8.25)	In accordance with the reference TLC	Complies
Net weight of dry flower per unit	100.0 - 110.0g	Complies
Foreign matter (EP Monograph for Cannabis Flower & EP 2.8.2)	Foreign Matter: ≤2% (w/w) Matter such as moulds, insects and other animal contamination and any other unwanted matter: should, as far as possible, be absent. It does not contain any seeds and the whole herbal drug does not contain any leaves more than 1.0cm in length.	Complies (0%) Complies Complies
Loss on Drying (EP Monograph for Cannabis Flower & EP 2.2.32)	Maximum 12.0%	9.0%
Assay for Content Determination (EP Monograph for Cannabis Flower & EP 2.2.29)		
Total Tetrahydrocannabinol[1]	90.0 - 110.0% of labelled content (as dried drug) Limits	94.0% (Total THC: 28.2%) THC 30: 27.0 to 33.0%
Total Cannabidiol[2]	Maximum 1.0 per cent (as dried drug)	<0.10%
Total Cannabinol[3]	Not More Than 1.0% (as dried drug)	0.07%

[1] Total tetrahydrocannabinol, expressed as Δ9-tetrahydrocannabinol (C21H30O2 ; Mr 314.5)

[2] Total cannabidiol, expressed as Cannabidiol (C21H30O2 ; Mr 314.5)

[3] Total cannabinol: expressed as Cannabinol

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Test and Method Reference	Acceptance Criteria	Results
Microbiology Tests (EP 5.1.8C & EP 2.6.12 & EP 2.6.31)[4]		
Total aerobic microbial count (TAMC)	Acceptance criteria: Not More Than 10^5 CFU/g Maximum Acceptable Count: 500 000 CFU/g	< 10 CFU/g
Total combined yeasts/moulds count (TYMC)	Acceptance criteria: Not More Than 10^4 CFU/g Maximum Acceptable Count: 50 000 CFU/g	< 10 CFU/g
Bile-tolerant gram (-) bactéria	Not More Than 10^4 CFU/g	< 10 CFU/g
Escherichia coli	Absence/ 1g	Absent/g
Salmonella	Absence/ 25g	Absent/25g
Aflatoxins (EP 2.8.18)		
Aflatoxin B_1	Not more than 2µg/Kg	<1 µg/Kg
Sum of aflatoxins B_1, B_2, G_1 and G_2	Not more than 4µg/Kg	<4 µg/Kg
Heavy Metals (EP Monograph for Cannabis Flower & EP 2.4.27)		(a)
Cadmium	Max 0.3ppm	<0.03ppm (LOD)
Lead	Max 0.5ppm	<0.03ppm (LOD)
Mercury	Max 0.1ppm	<0.03ppm (LOD)
Arsenic	Max 0.2ppm	<0.03ppm (LOD)
Pesticides (EP 2.8.13)	Not More Than the limit defined on EP 2.8.13	Complies (b)

LOD: Limit of Detection; LOQ: Limit of Quantification

[4]CFU: Colony Forming Units

a) As per RAA005/2024, to be tested on Batch 26ZK021S

b) As per RAA005/2024, to be tested on Batch 2617IR.13.0

This medicinal product was manufactured, tested and released in Portugal. The origin of the raw material Cannabis flowers is the Curaleaf Portugal GACP cultvation site in Portugal.

I hereby confirm that the batch has been manufactured and tested in accordance with EU GMP requirements.

The batch meets the requirements of the European Pharmacopoeia Ph.Eur.

The batch is released for the market.

Approvals

	Job Title	Name and Signature	Date
Prepared by:	Senior Quality Control Analyst	Gabriela Barros (Gabriela Barros)	20/10/2026
Approved by:	Qualified Person acc. 2001/83/EC	RC (Rita Carneiro)	21/10/26

Manufacturing Authorization: 15/V09

Certificate of GMP compliance: F092/S1/SA/001/2025; F092/S1/MH/001/2025