

Certificate of Analysis (CoA)			
Batch number:		24WP016Z027	
Product:	Dry Cannabis flower GMP, EP	Manufacturing Date:	March 2025
Product Specifications:	PS.GMP.QU.06.11.02	Shelf Life	September 2025
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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)	Complies (0.2%)
	Matter such as moulds, insects and other animal contamination and any other unwanted matter: should, as far as possible, be absent.	Complies
	It does not contain any seeds and the whole herbal drug does not contain any leaves more than 1.0cm in length.	Complies
Loss on Drying (EP Monograph for Cannabis Flower & EP 2.2.32)	Maximum 12.0%	9.3%
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	28.6% THC 27 24.3 to 29.7%
Total Cannabidiol ²	Maximum 1.0 per cent (as dried drug)	<0.10%
Total Cannabinol ³	Not More Than 1.0% (as dried drug)	0.06%

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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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	4.50x10 ³ CFU/g
Total combined yeasts/moulds count (TYMC)	Acceptance criteria: Not More Than 10 ⁴ CFU/g Maximum Acceptable Count: 50 000 CFU/g	3.50x10 ³ CFU/g
Bile-tolerant gram (-) bacteria	Not More Than 10 ⁴ CFU/g	<10 CFU/g
<i>Escherichia coli</i>	Absence/ 1g	Absent/ g
<i>Salmonella</i>	Absence/ 25g	Absent/ 25g
Aflatoxins (EP 2.8.18)		
Aflatoxin B ₁	Not more than 2µg/Kg	<0.5 µg/Kg (LOQ)
Sum of aflatoxins B ₁ , B ₂ , G ₁ and G ₂	Not more than 4µg/Kg	<0.5 µg/Kg (LOQ)
Heavy Metals (EP Monograph for Cannabis Flower & EP 2.4.27)		
		(a)
Cadmium	Max 0.3ppm	<0.005ppm (LOQ)
Lead	Max 0.5ppm	<0.020ppm (LOQ)
Mercury	Max 0.1ppm	<0.050ppm (LOQ)
Arsenic	Max 0.2ppm	<0.020ppm (LOQ)
Pesticides (EP 2.8.13)	Not More Than the limit defined on EP 2.8.13	Complies ^(a)

⁴CFU: Colony Forming Units

LOD: Limit of Detection; LOQ: Limit of Quantification

a) Tested on Batch 2438WP.11.Q.1

Approvals

	Job Title	Signature	Date
Prepared by:	Quality Control Manager	Isabel Condino	18/06/2025
Approved by:	Quality Assurance / QP		23/06/2025