

CoA Number:	COA2024/112	Revision:	3	Specification Number:	PC.SP.QC.PA.040.V01
Product Name:	Green Karat SD PT	Batch Number:	<u>C240013</u>		
Brand Name:	Green Karat	Article Code:	520L-0022 FL GKSDP 0 xxxx 00100 SC GR		
Product Description:	Cannabis Sativa L, dried, trimmed and non-irradiated female inflorescences: individual and dehydrated cannabis flowers of approximately 1-5 cm in length and width	Chemotype:	THC predominant		
Dosage Form:	Dried cannabis flowers for inhalation by vaporization	Manufacturing Date:	01/04/2024		
Packaging:	Opaque white HDPE jars, sealed with PP screw cap closure each one containing 10g of product	Expiry Date:	Jan 2025		
Storage Conditions:	Store in a tightly sealed packaging, in a dry and cool place, up to 25°C. Protect from light.				

Sample Receive Date:	03/04/2024	Analysis Date:	09/04/2024
QC Records:	N.A		

ANALYTICAL REPORT RESULTS

ANALYTICAL TEST	TEST METHOD	SPECIFICATION	RESULT
Appearance Identification A	DAB Cannabis flos (Identity A)	Comply with monograph	Complies
Microscopic Observation Identification B	DAB Cannabis flos (Identity B)	Comply with monograph	Complies
Identification C	DAB Cannabis flos (Identity C), Ph.Eur. 2.2.27	Comply with monograph	Complies
Foreign Matter	DAB Cannabis flos / Ph.Eur. 2.8.2	Max. 2 % (m/m)	0%
Total Ash ^e	Ph. Eur. 2.4.16	Max. 20 %	8%
Average Weight of the container	Weighing	Informative	10,2 g

ANALYTICAL TEST	TEST METHOD	SPECIFICATION	RESULT
Microbiological Contamination			
Total aerobic microbial count (TAMC) ^β	Ph.Eur. 2.6.31	Max. 500.000 cfu/gram	<100 cfu/g
Total yeast and mold count (TYMC) ^β		Max. 50.000 cfu/gram	<10 cfu/g
Bile-tolerant gram (-) bacteria ^β		≤10 ⁴ cfu/gram	absent/g
<i>Escherichia coli</i> ^β		Absent/g	absent/g
<i>Salmonella</i> ^β		Absent/25g	absent/25g
Aflatoxins ^α	Ph. Eur. § 2.8.18	≤ 2 ppb	< 0,25 µg/Kg (LOD)
Heavy Metals ^θ			
Lead	Ph. Eur. § 2.4.27	max. 5.0 ppm	<0,020 ppm (LOQ)
Cadmium		max. 1.0 ppm	<0,005 ppm (LOQ)
Mercury		max. 0.1 ppm	<0,050 ppm (LOQ)
Arsenic		max. 3.0 ppm	<0,020 ppm (LOQ)
Pesticides ^θ	Ph. Eur. § 2.8.13	Comply with Ph.Eur. 2.8.13	Complies
Loss on Drying	DAB Cannabis flos / Ph.Eur. 2.2.32	NMT 10%	8%
Cannabinoids Content			
Total THC*	Monograph † Ph. Eur.2.2.29	27% (90%-110%)	27,96% (104%)
Total CBD*		≤ 1.0%	0,10%
Related Substances CBN*		≤ 1.0 %	0,03%
ADDITIONAL ANALYTICAL RESULTS			
NA			

Explanatory Notes:

LOQ - Limit of Quantification	NMT - Not More Than	EP - European Pharmacopoeia	ND - Not Detected
LOD - Limit of Detection	DAB - German Pharmacopoeia	CFU - Colony-forming unit	NA - Not Applicable

* Expressed on dried basis

Total THC = THC + THC-A (expressed as THC); As per DAB: THC-A (expressed as THC) = THC-A * 0.877

Total CBD = CDB + CBD-A (expressed as CBD); = As per DAB: CBD-A (expressed as CBD) = CBD-A * 0.877

† Analytical German monograph on Cannabis Flos by Deutsches Arzneibuch, DAB.

§ Based on Guideline on specifications: test procedures and acceptance criteria for herbal substances, herbal preparations, and herbal medicinal products /traditional herbal medicinal products. Rev 02. March 2011.

Current edition of Ph. Eur. Monographs is considered.

θ Results retrieved from Raw Material CoA: COA2024/065

α This analytical test was subcontracted to a qualified laboratory under the certificate: 24/1670

β In-house Microbiology report n°: PC0360/24

Conclusion:

Approved Conditionally Approved Rejected Informative Hold

This report is issued electronically by Portocanna S.A., in compliance with the data reported on the original analytical documentation. The analytical results were reviewed by the Quality Unit, which confirms the information is authentic, accurate, and complies with the approved specifications.

Observations: These results were transcribed from intermediate product COA2024/103

<p>App </p> <p><small>Assinado de forma digital por Cláudia Roxo Data: 2024.05.13 11:35:18 +01'00'</small></p> <p>CoA Prepared By</p>	<p></p> <p><small>Assinado de forma digital por Rita Costa Data: 2024.05.13 19:27 +01'00'</small></p> <p>CoA Reviewed By</p>
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