

CoA Number:	COA2024/117	Revision: 2	Specification Number:	PC.SP.QC.PA.040.V01
Product Name:	Green Karat FS PT		Batch Number:	<u>C240014</u>
Brand Name:	GREEN KARAT.		Article Code:	520L-0020 FL GKFSP 0 XXX 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:	03/04/2024
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:	05/04/2024	Analysis Date:	08/04/2024
QC Records:	N.A		

ANALYTICAL REPORT RESULTS

ANALYTICAL TEST	TEST METHOD	SPECIFICATION	RESULT
Appearance Identification A	Monograph †	Dark/Brown green of different shades. Bract fragments of dark green to green. Peduncles of a light-green color. Flower husks of a green to light green color, covered with dense yellowy-white hairs and stuck together with resin. Absence of grey/dark spots. Absence of foreign matter.	Complies
Microscopic Observation Identification B	Monograph †	Glandular trichomes/ hair identified	Complies
Identification C	Monograph † Ph. Eur. 2.2.29	Reference cannabinoids RT through the standard and sample.	Complies
Foreign Matter	Monograph † Ph. Eur. 2.8.2	Max. 2 % (m/m)	0%
Total Ash ^o	Ph. Eur. 2.4.16	Max. 20 %	8%
Average Weight of the container	Weighing	10,0 - 10,5 g	10,2 g

ANALYTICAL TEST	TEST METHOD	SPECIFICATION	RESULT
Microbiological Contamination			
Total aerobic microbial count (TAMC) ^β	Monograph † Ph. Eur.5.1.8C	Max. 500.000 cfu/gram	9,0x10 ¹ cfu/g
Total yeast and mold count (TYMC) ^β		Max. 50.000 cfu/gram	1,0x10 ² 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	≤ 2 ppb
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	Ph. Eur. ¥ 2.8.13	Complies
Loss on Drying	Monograph † Ph. Eur.2.2.32	NMT 10%	7%
Cannabinoids Content			
Total THC*	Monograph † Ph. Eur.2.2.29	27% (90%-110%)	25,81% (96%)
Total CBD*		≤ 1.0%	0,07%
Related Substances CBN*		≤ 1.0 %	0,02%
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: COA2024/066

α This analytical test was subcontracted to a qualified laboratory under the certificate: COA24/1891

β In-house Microbiology report n^o: PC0375/24

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 COA2024/094

Appr



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