Detail of product:	
Product Name:	Cannabis inflorescence 10 gr GMT
Category:	T20/C4
Catalog number:	10GMT20
Batch number:	F240301
Storage Conditions:	15-25 ^{0}C
Expiry Date:	Mar. 2025

Test Name	Acceptance Criteria	Analytical Method	SOP Number	Result	C/ Nc
Appearance	For information only. Description of the material's size, color, and density	Visual inspection	SOP-0000023	Very dense inflorescence. Dark green color, Various sizes	C
Identification	Dry cannabis inflorescence	Visual inspection	NA	Dry cannabis inflorescence	C
Foreign Matter	Free from any external pests (aphid, rodents, insects etc.) Organic FM found in over 2% of the sample, and any Non-Organic FM will require notification to QA	Visual inspections	SOP-0000023	Free from any external pests (aphid, rodents, insects etc.) Organic FM - ND Non-Organic FM-ND	C
Water Content	6%-14%	LOD	SOP-0000010	10%	C
Assay of Cannabinoids[1,5] (%):					
Total CBD	0.0-7.4%	HPLC	SOP-0000008	ND	C
CBN	NMT 1.5%	HPLC		ND	C
Total THC	15.5-24.4%	HPLC		23.2%	C
THCA	Indicative	HPLC		25.1%	C

1 - Fill according to the relevant category specification as defined in SPC-0001662; 2 – Results according to raw material 3 - When the raw material is intended for inflorescence product 4 - When the raw material is intended for Oil product 5 - Calculated on dry basis according to Loss On Drying Method

Test Name	Acceptance Criteria	Analytical Method	SOP Number	Result	C/ NC
Pesticide Residue[2]**:**					
Pesticide residues by GC/MS	According to IMC-GMP	In-house procedure by LC-MS/MS based on European Pharmacopeia)EP(2.8.13, SANTE/11813/2017 and AOAC 2007.01	External Lab.	ND	C
Pesticide residues by LC/MS				ND	C
Dithiocarbamates		based on Analytical Method for Pesticide Residues in Foodstuffs 6th Ed ,MR Method 5, Ministry of Public Health, The Netherlands		ND	C
Toxins:					
B1 Aflatoxin	NMT 2 µg/Kg	In House Procedure, Based on: J. AOAC Int. 83, 320(2000). AOAC Official Method 999.07	External Lab.	ND	C
Total Aflatoxins B1, B2, G1, G2	NMT 4 µg/Kg			ND	C
Ochratoxin A	NMT 2 µg/Kg [3] Or: NMT 0.5 µg/Kg[4]			ND	C
Heavy Metals:					
Total Aerobic Microbial Count (TAMC)	NMT 20,000 CFU/g [3] Or: NMT 200,000 CFU/g [4]	Ph Eur USP<61>JP35.1	External Lab.	<100	C
Total Yeast and Molds (TYMC):	NMT 2,000 CFU/g [3] Or: NMT 20,000 CFU/g [4]	USP62		<100	C
Salmonella	Negative	Ph Eur USP<61>JP35.1		ND	C
P. Aeruginosa	Negative	USP 62		ND	C
E. Coli	NMT 20 CFU/g	ISO 16649		<20	C
St. Aureus	Negative	USP 62		ND	C
Enterobacteria	NMT 20 CFU/g [3] Or: NMT 2,000 CFU/g [4]	USP 62		<20	C

1 - As defined in SPC-0001662; 2 – Results according to raw material 3 - When the raw material is intended for inflorescence product 4 - When the raw material is intended for Oil product 5 - Calculated on dry basis according to Loss On Drying Method

Test Name	Acceptance Criteria	Analytical Method	SOP Number	Result	C/ NC
Heavy Metals[2]:					
Arsenic:	NMT 2.5 ppm	Elemental Analysis Mannual Section 4.4	External Lab.	<0.5	C
Cadmium:	NMT 0.5 ppm			<0.3	C
Mercury:	NMT 0.1 ppm			<0.1	C
Nickel:	Indicative			<2.5	C
Lead:	NMT 5.0 ppm			<0.5	C
Zinc:	Indicative			61	C

1 - As defined in SPC-0001662; 2 – Results according to raw material 3 - When the raw material is intended for inflorescence product 4 - When the raw material is intended for Oil product 5 - Calculated on dry basis according to Loss On Drying Method

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Terpens by GC-MS/MS:

Terpenes	Results		
	As Is [ppm]	*As Is [%w/w]*	*On Dry Basis [%w/w]*
a-Pinene	510.54	0.0511	0.0576
Camphene	158.53	0.0159	0.0179
b-Pinene	985.68	0.0986	0.1112
Sabinene	<2.51	<0.0003	<0.0003
(-)-b-Myrcene	8553.96	0.8554	0.9647
3d-Carene	n.a.	n.a.	n.a.
a-Terpinene	13.29	0.0013	0.0015
D/L-Limonene	4275.48	0.4275	0.4822
p-Cymene	n.a.	n.a.	n.a.
cis-Ocimene	n.a.	n.a.	n.a.
Eucalyptol	<1.85	<0.0002	<0.0002
trans-Ocimene	6.21	0.0006	0.0007
D/L-Fenchone	35.62	0.0036	0.0040
Terpinolene	129.52	0.0130	0.0146
Linalool	1031.43	0.1031	0.1163
Fenchol	550.11	0.0550	0.0620
(-)-Camphor	2.35	0.0002	0.0003
(-)-Isopulegol	n.a.	n.a.	n.a.
D/L-Borneol	86.63	0.0087	0.0098
Isoborneol	3.29	0.0003	0.0004
D/L-Menthol	13.94	0.0014	0.0016
a-Terpineol	373.90	0.0374	0.0422
Geraniol	38.76	0.0039	0.0044
Nerol	31.20	0.0031	0.0035
a-Pulegone	n.a.	n.a.	n.a.
b-Caryophyllene	2643.06	0.2643	0.2981
trans-b-Farnesene	60.28	0.0060	0.0068
a-Humulene	1317.69	0.1318	0.1486
(+)-Ledene	436.55	0.0437	0.0492
Valencene	n.a.	n.a.	n.a.
trans-Nerolidol	71.34	0.0071	0.0080
Caryophyllene oxide	94.55	0.0095	0.0107
(+)-Cedrol	n.a.	n.a.	n.a.
(-)-Guaiol	n.a.	n.a.	n.a.
(-)a-Bisabolol	352.45	0.0352	0.0397
cis-Nerolidol	n.a.	n.a.	n.a.
Loss On Drying	11.33		
Total Tested:	21787.69	2.18	2.46

n.a. = Not Applicable
NT = Not Tested

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