

Detail of product:	
Product Name:	Medical Cannabis Inflorescences 10gr T20/C4
Catalog Number :	10Q20
Batch number:	F230913
Manufacturing Date:	21.09.2023
Storage Conditions:	15-25 °C
Expiry Date:	Sep.2024

Test Name	Acceptance Criteria	Analytical Method	SOP Number	Result	C/NC
Appearance:	Green to brown inflorescences with characteristic odor. Flowers with no bracts protruding more than 10% of the inflorescence	Visual inspection	SOP - QC-116	Green to brown inflorescences with characteristic odor. Flowers with no bracts protruding more than 10% of the inflorescence	C
Identification	Typical spectrum	HPLC	SOP - QC-115 or by external Lab	Typical spectrum	C
Foreign Matter:	No more than 2% of foreign matter is observed	Visual inspections	SOP - QC-114	No more than 2% of foreign matter is observed	C
Water Content:	6%-14%	LOD	SOP-QC-117 or by external lab	13%	C



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Test Name	Acceptance Criteria	Analytical Method	SOP Number	Result	C/NC
Assay of Cannabinoids* (%):					
CBC	Indicative	HPLC	SOP - QC-115 or by external Lab.	0.1	C
CBCA	Indicative	HPLC		<0.1	C
CBD	Indicative	HPLC		0.1	C
Total CBD	0.0 – 7.4%	HPLC		0.1	C
CBDA	Indicative	HPLC		0.1	C
CBDV	Indicative	HPLC		ND	C
CBG	Indicative	HPLC		0.2	C
CBGA	Indicative	HPLC		1.4	C
CBN	NMT 1.5%	HPLC		<0.1	C
THC (Delta 9)	Indicative	HPLC		0.7	C
Total THC	15.5%-24.4%	HPLC		24.2	C
THCA	Indicative	HPLC		26.8	C
THCV	Indicative	HPLC		ND	C
Pesticide Residue**:					
Pesticide residues by GC/MS	According to MoH approved Specification	In-house procedure by LC-MS/MS based on European Pharmacopeia)EP(2.8.13, SANTE/11813/2017 and AOAC 2007.01	By 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	By External Lab.	ND	C



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Test Name	Acceptance Criteria	Analytical Method	SOP Number	Result	C/NC
Toxins:					
B1 Aflatoxin:	NMT 2 µg/Kg	In House Procedure, Based on: J. AOAC Int. 83, 320(2000). AOAC Official Method 999.07	By External Lab.	ND	C
Total Aflatoxins B1, B2, G1, G2:	NMT 4 µg/Kg			ND	C
Ochratoxin A:	NMT 2 µg/Kg			ND	C
Microbiological Tests:					
Total Aerobic Microbial Count (TAMC):	NMT 20,000 CFU/g	Ph. Eur.2013 USP<61> and JP35.1	By External Lab.	<100	C
Salmonella:	Negative	USP 62		NG	C
Total Yeast and Molds (TYMC):	NMT 2,000 CFU/g	PH.EUR 2013 USP<61>JP 35.1		<100	C
P. Aeruginosa	Negative	USP 62		NG	C
E. Coli	NMT 20 CFU/g	ISO 16649		<20	C
Enterobacteria	NMT 20 CFU/g	USP 62		<20	C
S. Aureus	Negative	USP 62		NG	C
Heavy Metals**:					
Arsenic:	NMT 2.5 ppm	Elemental Analysis Manual: Section 4.4	By External Lab.	<0.5	C
Cadmium	NMT 0.5 ppm			<0.1	C
Mercury	NMT 0.1 ppm			<0.1	C
Nickel	Indicative			<0.5	C
Lead	NMT 5.0 ppm			<1.0	C
Zinc	Indicative			68.009	C

* Calculated on dry basis according to Loss On Drying Method

** Results according to Raw Material



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FINAL SAMPLE REPORT No. 23000087-10534-1
Terpens by GC-MS/MS:

Terpenes	Results				n.a. = Not Applicable NT = Not Tested
	As Is [ppm]	As Is [%w/w]	On Dry Basis [%w/w]		
a-Pinene	553.74	0.0554	0.0625	■	
Camphene	225.72	0.0226	0.0255		
b-Pinene	1323.31	0.1323	0.1494	■	
Sabinene	<2.75	<0.0003	<0.0003		
(-)-b-Myrcene	4567.79	0.4568	0.5157	■	
3d-Carene	n.a.	n.a.	n.a.		
a-Terpinene	228.48	0.0228	0.0258		
D/L-Limonene	4804.00	0.4804	0.5424	■	
p-Cymene	n.a.	n.a.	n.a.		
cis-Ocimene	n.a.	n.a.	n.a.		
Eucalyptol	15.50	0.0015	0.0017		
trans-Ocimene	6.82	0.0007	0.0008		
D/L-Fenchone	312.40	0.0312	0.0353		
Terpinolene	127.17	0.0127	0.0144		
Linalool	1836.71	0.1837	0.2074	■	
Fenchol	438.42	0.0438	0.0495		
(-)-Camphor	3.90	0.0004	0.0004		
(-)-Isopulegol	n.a.	n.a.	n.a.		
D/L-Borneol	85.53	0.0086	0.0097		
Isoborneol	<2.93	<0.0003	<0.0003		
D/L-Menthol	n.a.	n.a.	n.a.		
a-Terpineol	520.74	0.0521	0.0588	■	
Geraniol	103.67	0.0104	0.0117		
Nerol	50.84	0.0051	0.0057		
a-Pulegone	n.a.	n.a.	n.a.		
b-Caryophyllene	4088.52	0.4089	0.4616	■	
trans-b-Farnesene	252.54	0.0253	0.0285		
a-Humulene	1680.42	0.1680	0.1897	■	
(+)-Ledene	n.a.	n.a.	n.a.		
Valencene	n.a.	n.a.	n.a.		
trans-Nerolidol	n.a.	n.a.	n.a.		
Caryophyllene oxide	141.61	0.0142	0.0160		
(+)-Cedrol	n.a.	n.a.	n.a.		
(-)-Guaiol	n.a.	n.a.	n.a.		
(-)-a-Bisabolol	8.13	0.0008	0.0009		
cis-Nerolidol	n.a.	n.a.	n.a.		
Loss On Drying	11.43				
Total Tested:	21387.39	2.14	2.41		