Detail of product:	
Product Name:	**Medical Cannabis Inflorescences 10gr T20/C4 Q**
Catalog Number :	**10Q20**
Batch number:	**F240202**
Manufacturing Date:	**04.02.2024**
Storage Conditions:	**15-25 ^{0}C**
Expiry Date:	**FEB-2025**

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	14%	C

Test Name	Acceptance Criteria	Analytical Method	SOP Number	Result	C/NC
Assay of Cannabinoids* (%):					
CBC	Indicative	HPLC	SOP - QC-115 or by external Lab.	ND	C
CBCA	Indicative	HPLC		ND	C
CBD	Indicative	HPLC		ND	C
Total CBD	0.0 – 7.4%	HPLC		ND	C
CBDA	Indicative	HPLC		ND	C
CBDV	Indicative	HPLC		ND	C
CBG	Indicative	HPLC		ND	C
CBGA	Indicative	HPLC		0.8	C
CBN	NMT 1.5%	HPLC		ND	C
THC (Delta 9)	Indicative	HPLC		ND	C
Total THC	15.5%-24.4%	HPLC		22.7	C
THCA	Indicative	HPLC		25.9	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

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		Not Detected in 10 gram	C
Total Yeast and Molds (TYMC):	NMT 2,000 CFU/g	PH.EUR 2013 USP<61>JP 35.1		<10	C
P. Aeruginosa	Negative	USP 62		Not Detected in 10 gram	C
E. Coli	NMT 20 CFU/g	ISO 16649		<10	C
Enterobacteria	NMT 20 CFU/g	USP 62		<10	C
S. Aureus	Negative	USP 62		Not Detected in 10 gram	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			<0.3	C
Mercury	NMT 0.1 ppm			<0.1	C
Nickel	Indicative			<2.5	C
Lead	NMT 5.0 ppm			<0.5	C
Zinc	Indicative			73	C

* Calculated on dry basis according to Loss On Drying Method

** Results according to Raw Material

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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	687.05	0.0687	0.0763
Camphene	215.61	0.0216	0.0240
b-Pinene	1242.76	0.1243	0.1381
Sabinene	<1.25	<0.0001	<0.0001
(-)-b-Myrcene	2298.64	0.2299	0.2554
3d-Carene	n.a.	n.a.	n.a.
a-Terpinene	14.16	0.0014	0.0016
D/L-Limonene	5842.56	0.5843	0.6491
p-Cymene	n.a.	n.a.	n.a.
cis-Ocimene	n.a.	n.a.	n.a.
Eucalyptol	9.47	0.0009	0.0011
trans-Ocimene	8.42	0.0008	0.0009
D/L-Fenchone	172.99	0.0173	0.0192
Terpinolene	177.41	0.0177	0.0197
Linalool	2329.90	0.2330	0.2588
Fenchol	555.23	0.0555	0.0617
(-)-Camphor	4.99	0.0005	0.0006
(-)-Isopulegol	n.a.	n.a.	n.a.
D/L-Borneol	104.61	0.0105	0.0116
Isoborneol	3.43	0.0003	0.0004
D/L-Menthol	n.a.	n.a.	n.a.
a-Terpineol	597.33	0.0597	0.0664
Geraniol	118.28	0.0118	0.0131
Nerol	118.56	0.0119	0.0132
a-Pulegone	n.a.	n.a.	n.a.
b-Caryophyllene	2484.37	0.2484	0.2760
trans-b-Farnesene	271.67	0.0272	0.0302
a-Humulene	1190.64	0.1191	0.1323
(+)-Ledene	n.a.	n.a.	n.a.
Valencene	n.a.	n.a.	n.a.
trans-Nerolidol	n.a.	n.a.	n.a.
Caryophyllene oxide	123.53	0.0124	0.0137
(+)-Cedrol	n.a.	n.a.	n.a.
(-)-Guaiol	n.a.	n.a.	n.a.
(-)a-Bisabolol	11.20	0.0011	0.0012
cis-Nerolidol	n.a.	n.a.	n.a.
Loss On Drying	9.99		
Total Tested:	18592.80	1.86	2.06

n.a. = Not Applicable
NT = Not Tested

P.O.B 3150, Tarshish 9 Caesarea, Israel | Info@Cannasoul.co.il

www.cannasoul.co.il