

Detail of product:			
Product Name:	Medical Cannabis Inflorescences 10gr T20/C4 Morning Sun		
Catalog Number :	10156		
Batch number:	F230603		
Manufacturing Date:	04.06.2023		
Storage Conditions:	15-25 °C		
Expiry Date:	Jun-2024		
Batch Size (units):	1656		
Batch Size for marketing (units):	1636		
Detail of raw material:			
Name of grower:	Plantis	Harvest Date:	04-12-2022
Grower batch number:	GTPK2239FA2	Internal RLB:	A2300092

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		0.2	C
CBDA	Indicative	HPLC		0.1	C
CBDV	Indicative	HPLC		ND	C
CBG	Indicative	HPLC		0.1	C
CBGA	Indicative	HPLC		0.4	C
CBN	NMT 1.5%	HPLC		ND	C
THC (Delta 9)	Indicative	HPLC		0.4	C
Total THC	15.5%-24.4%	HPLC		24.0	C
THCA	Indicative	HPLC		26.9	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				0.05 (Azadirachtin) Spec: NMT 0.5 ppm	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	AOAC 977.16 and AOAC Vol.83.320	By External Lab.	ND	C
Total Aflatoxins B1, B2, G1, G2:	NMT 4 µg/Kg			ND	C
Ochratoxin A:	NMT 2 µg/Kg			IAC +HPLC	ND
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			60.735	C

* Calculated on dry basis according to Loss On Drying Method

** Results according to Raw Material



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Signatory Table

Action Name	User Name	Title	Signature Date
Send for Approval	Ana Yehiel	QA	12-Jun-2023 13:58 (GMT+2)
Approve	Bar Yona	QA Supervisor and CQP	13-Jun-2023 14:17 (GMT+2)

FINAL SAMPLE REPORT No. 23000323-10102-3

Laboratory Details

Report Date: 20/06/2023

Analysis Methods used: 3.03 Analytical method for Terpenes determination by GC-MS-MS

Analysis Date: 24/04/2023

Analyzed by: Yael Har-Tal

Analysis performed at Cannasoul Analytics Laboratory: Tarshish 9, Caesarea, Israel

Customer Details

Customer Name: Plantis Agro

Contact Person: Adriana Kamma

Phone Number: _____

Email: Adriana.Kamma@plantis.co.il

Sample Details

Customer Sample Name or/and ID Number: מורנינג סאן

Sample Form: Flowers

Cannasoul's sample ID: 10102

Reception Date: 24/04/2023

Storage Conditions: Ambient

The sample was sampled by the customer. The results apply to the sample as received at the laboratory.

FINAL SAMPLE REPORT No. 23000323-10102-3
CNBs by UHPLC - PDA:

CNBs	Results [%w/w]	
	As Is	On Dry Basis
CBDVA	NT	NT
CBDV	NT	NT
CBDA	NT	NT
CBGA	NT	NT
CBG	NT	NT
CBD	NT	NT
THCV	NT	NT
CBCV	NT	NT
CBN	NT	NT
THC	NT	NT
d8-THC	NT	NT
CBNA	NT	NT
CBL	NT	NT
CBC	NT	NT
THCA	NT	NT
CBCA	NT	NT
Cannabicitran	NT	NT
Loss On Drying	NT	

Total Tested: NT NT

Total THC

As Is: NT
 On Dry Basis: NT

Total CBD

As Is: NT
 On Dry Basis: NT

n.a. = Not Applicable
 NT = Not Tested

*Totals are calculated considering the masses of the natural form and the acid form.

Terpens by GC-MS/MS:

Terpenes	Results		
	As Is [ppm]	As Is [%w/w]	On Dry Basis [%w/w]
a-Pinene	178.04	0.0178	0.0198
Camphene	83.83	0.0084	0.0093
b-Pinene	346.71	0.0347	0.0385
Sabinene	<2.17	<0.0002	<0.0002
(-)-b-Myrcene	931.81	0.0932	0.1035
3d-Carene	n.a.	n.a.	n.a.
a-Terpinene	16.34	0.0016	0.0018
D/L-Limonene	1487.00	0.1487	0.1651
p-Cymene	n.a.	n.a.	n.a.
cis-Ocimene	n.a.	n.a.	n.a.
Eucalyptol	<1.54	<0.0002	<0.0002
trans-Ocimene	<4.44	<0.0004	<0.0005
D/L-Fenchone	25.25	0.0025	0.0028
Terpinolene	43.02	0.0043	0.0048
Linalool	968.23	0.0968	0.1075
Fenchol	253.47	0.0253	0.0282
(-)-Camphor	<3.27	<0.0003	<0.0004
(-)-Isopulegol	n.a.	n.a.	n.a.
D/L-Borneol	37.36	0.0037	0.0041
Isoborneol	<5.78	<0.0006	<0.0006
D/L-Menthol	<13.05	<0.0013	<0.0014
a-Terpineol	230.55	0.0231	0.0256
Geraniol	10.73	0.0011	0.0012
Nerol	12.59	0.0013	0.0014
a-Pulegone	n.a.	n.a.	n.a.
b-Caryophyllene	7109.64	0.7110	0.7896
trans-b-Farnesene	603.44	0.0603	0.0670
a-Humulene	2246.31	0.2246	0.2495
(+)-Ledene	n.a.	n.a.	n.a.
Valencene	n.a.	n.a.	n.a.
trans-Nerolidol	67.33	0.0067	0.0075
Caryophyllene oxide	185.19	0.0185	0.0206
(+)-Cedrol	n.a.	n.a.	n.a.
(-)-Guaiol	n.a.	n.a.	n.a.
(-)-a-Bisabolol	405.42	0.0405	0.0450
cis-Nerolidol	n.a.	n.a.	n.a.
Loss On Drying	9.96		

Total Tested: 15252.22 1.52 1.69

FINAL SAMPLE REPORT No. 23000323-10102-3

Statements:

- The document is to be considered in full and no partial copy of the report shall be transfer to any other document.
- The test results are correct for the date and time of their performance.

Remarks:

This is version 3 of this report - with the removal of customer's phone number as requested by customer.

End of report

Name and signature
Analyst

Name and signature
Laboratory Manager