



Certificate of analysis (COA) for medical cannabis inflorescence

Record ID: FRM-QC-030H-330

Created by: Monica Teterson

Created at: 07-03-2023

Product Name

Medical Cannabis Inflorescence T20/C4 MADDOG Greenkom (Indica)

Product code

CNF04-0079F

Batch number

FT040223

Manufacturing Date

13-02-2023

Packing Date

21-02-2023

Storage Conditions

Room Temperature

Expiry Date

29-02-2024

Manufacturing Site

Cannassure

Lab name

Cannassure Laboratory

Tests

Test Name	Acceptance Criteria	Analytical Method	Result	C/NC
Appearance	Flowers with no bracts protruding more than 10% along the inflorescence	Visual inspection with a magnifying lens SOP-QC-016	Flowers with no bracts protruding more than 10% along the inflorescence	C
Method of identification	Typical spectrum	SOP-QC-046	C	C
Water Content	6%-14%	Loss on drying SOP-QC-044	13%	C

Assay (on dry basis)

Test Name	Acceptance Criteria	Analytical Method	Result	C/NC
THCA (on dry basis)	Indicative	UPLC SOP-QC-046	24.3%	N.A.
CBG (on dry basis)	Indicative	UPLC SOP-QC-046	ND	N.A.
CBGA (on dry basis)	Indicative	UPLC SOP-QC-046	2.1%	N.A.
CBD (on dry basis)	Indicative	UPLC SOP-QC-046	ND	N.A.
CBC (on dry basis)	Indicative	UPLC SOP-QC-046	ND	N.A.
CBDA (on dry basis)	Indicative	UPLC SOP-QC-046	0.1%	N.A.
THCV (on dry basis)	Indicative	UPLC SOP-QC-046	ND	N.A.
CBDV (on dry basis)	Indicative	UPLC SOP-QC-046	0.0%	N.A.
CBGA (on dry basis)	Indicative	UPLC SOP-QC-046	ND	N.A.
Δ8-THC (on dry basis)	Indicative	UPLC SOP-QC-046	ND	N.A.
Δ9-THC (on dry basis)	Indicative	UPLC SOP-QC-046	3.0%	N.A.
Total THC (on dry basis)	16%-24%	UPLC SOP-QC-046	24.3%	C
Total CBD (on dry basis)	0%-7%	UPLC SOP-QC-046	0.1%	C
CBN (on dry basis)	NMT 1.5%	UPLC SOP-QC-046	ND	C

Lab name

Aminolab

Lab ID

013642.23-CP

Pesticide Residue by external laboratory

Test Name	Acceptance Criteria	Analytical Method	Result	C/NC
Pesticide residues by GC/MS	Absence	152 גרסה 4 IMC-GMP בדיקת חומרי הדברה לפי נוהל	ND	C
Pesticide residues by LC/MS	Absence	152 גרסה 4 IMC-GMP בדיקת חומרי הדברה לפי נוהל	ND	C
Dithiocarbamatin	Absence	152 גרסה 4 IMC-GMP בדיקת חומרי הדברה לפי נוהל	ND	C

Lab name

Aminolab

Lab ID

013642.23-CP

Toxins by external laboratory

Test Name	Acceptance Criteria	Analytical Method	Result	C/NC
B1 Aflatoxin:	NMT 2 µg/Kg	HPLC or UPLC	ND	C
Total Aflatoxins B1, B2, G1, G2	NMT 4 µg/Kg	HPLC or UPLC	ND	C
Ochratoxin A	NMT 2 µg/Kg	HPLC or UPLC	ND	C

Lab name

Aminolab

Lab ID

013639.23-M

Microbiological Specification by external laboratory

Test Name	Acceptance Criteria	Analytical Method	Result	C/NC
Total aerobic microbial count	NMT 20,000 cfu/g	IS 885 art3	<100 cfu/g	C
Total yeast and molds count	NMT 2,000 cfu/g	IS 885 part 8	<10 cfu/g	C
E. Coli semi- quantitative	NMT 20 cfu/g	Current EP / USP	Absent	C
Salmonella	Negative in 25 g	Current EP / USP	Absent	C
P. Aeruginosa	Negative in 1 gr	Current EP / USP	Absent	C
Enterobacteriaceae semi-quantitative	NMT 20 cfu/g	Current EP / USP	<10 cfu/g	C
S. Aureus	Negative in 1 gr	Based on: FDA 9 CFR	Absent	C

Lab name

Aminolab

Lab ID

013642.23-CP

Heavy Metals by external laboratory

Test Name	Acceptance Criteria	Analytical Method	Result	C/NC
Cadmium	NMT 0.5 ppm	ICP-MS according to AOAC986.15	<0.25 ppm	C
Lead	NMT 5.0 ppm	ICP-MS according to AOAC986.15	<0.5 ppm	C
Mercury	NMT 0.1 ppm	ICP-MS according to AOAC986.15	<0.05 ppm	C



Certificate of analysis (COA) for medical cannabis inflorescence

Record ID: FRM-QC-030H-330

Created by: Monica Teterson

Created at: 07-03-2023

Test Name	Acceptance Criteria	Analytical Method	Result	C/NC
Arsenic	NMT 2.5 ppm	ICP-MS according to AOAC986.15	<0.5 ppm	C
Nickel	Indicative	ICP-MS according to AOAC986.15	<2.5 ppm	C
Zinc	Indicative	ICP-MS according to AOAC986.15	74 ppm	C

Packaging & Labeling

Packaging & Labeling	Pass/Fail
Medical cannabis inflorescence is packaged in a medical grade sealed package in a box with leaflet describing product and usage. Net weight 10 gm. The packed labeling includes: Product name, Ingredients statement, Name and address of manufacturer, Identification code, Production date and Best before date. Labeled as dangerous drug.	Pass

Specifications No. & Edition

SPEC-CNF04-00032T Ed:17

References

Assay:nb#27 QC page 29 LOD:NB#19 QC page 45

QC Approval

Signature: **Signed Electronically**

Name: Monica Teterson

Date: 07-03-2023 16:58

QA Approval

Signature: **Signed Electronically**

Name: Diana Heinrich

Date: 08-03-2023 13:09

This file created by Almond-QMS software. Printed By: Diana Heinrich. Printed Date: 08-03-2023. --CONFIDENTIAL--



Product Release Certificate

This part filled by: Diana Heinrich

Product Name

Medical Cannabis Inflorescence T20/C4 MADDOG Greenkom (Indica)

Dosage Form

Inhalation (Smoking/Vaporization)

Package Size

10 gram

Batch Number

FT040223

Manufacturing Date

13-02-2023

Date of packaging

21-02-2023

Expiry Date

29-02-2024

Active ingredient concentration

THC 24.3%, CBD 0.1%, CBN 0.0%

Number of units for marketing

3647

Certification Statement

I hereby certify that all the manufacturing stages of this batch of finished product have been carried out in full compliance with the GMP requirements of the local Regulatory Authority Requirements.


For Marketed Products: all the manufacturing stages of this batch of finished product have been carried out in full compliance with the requirements of the Marketing Authorization of the destination country.

Signature of Qualified Person certifying the batch

Signature: **Signed Electronically**

Name: Diana Heinrich

Date: 08-03-2023 13:11

 cannassure	Certificate of analysis (COA) for medical cannabis inflorescence תעודת אנליזה עבור תפרחות קנאביס רפואי	
Record ID: FRM-QC-030H-272	Filled by: Monica Teterson	Filled at: 20-09-2022

Product Name

Medical Cannabis Inflorescence T20/C4 MADDOG Greenkom (Indica)

Product code

CNF04- 0079F

Batch number

FT010922

Manufacturing Date

01-09-2022

Packing Date

18-09-2022

Storage Conditions

Room Temperature

Expiry Date

30-09-2023

Manufacturing Site

Cannassure

Lab name


Cannassure Laboratory

Tests

Test Name	Acceptance Criteria	Analytical Method	Result	C/NC
Appearance	Flowers with no bracts protruding more than 10% along the inflorescence	Visual inspection with a magnifying lens SOP QC-016	Flowers with no bracts protruding more than 10% along the inflorescence	C
Method of identification	Typical spectrum	SOP-QC-046	C	C
Water Content	9%-15%	Loss on drying SOP QC 044	14%	C

Assay (on dry basis)

Test Name	Acceptance Criteria	Analytical Method	Result	C/NC
THCA (on dry basis)	Indicative	UPLC SOP QC-046	25.5%	N.A.
CBG (on dry basis)	Indicative	UPLC SOP QC-046	0.2%	N.A.
CBGA (on dry basis)	Indicative	UPLC SOP QC-046	1.5%	N.A.
CBD (on dry basis)	Indicative	UPLC SOP QC-046	ND	N.A.
CBC (on dry basis)	Indicative	UPLC SOP QC-046	0.0%	N.A.
CBDA (on dry basis)	Indicative	UPLC SOP QC-046	0.1%	N.A.
THCV (on dry basis)	Indicative	UPLC SOP QC-046	0.0%	N.A.
CBDV (on dry basis)	Indicative	UPLC SOP QC-046	ND	N.A.
CBGA (on dry basis)	Indicative	UPLC SOP QC-046	0.2%	N.A.
Δ8-THC (on dry basis)	Indicative	UPLC SOP QC-046	ND	N.A.
Δ9-THC (on dry basis)	Indicative	UPLC SOP QC-046	1.4%	N.A.
Total THC (on dry basis)	16%-24%	UPLC SOP QC-046	23.8%	C
Total CBD (on dry basis)	0%-7%	UPLC SOP QC-046	0.1%	C
CBN (on dry basis)	NMT 1.5%	UPLC SOP QC-046	ND	C

	Certificate of analysis (COA) for medical cannabis inflorescence תעודת אנליזה עבור תפרחות קנאביס רפואי	
Record ID: FRM-QC-030H-272	Filled by: Monica Teterson	Filled at: 20-09-2022

Lab name

Aminolab

Lab ID

075125.22-P

Pesticide Residue by external laboratory

Test Name	Acceptance Criteria	Analytical Method	Result	C/NC
Pesticide residues by GC/MS	Absence	לפי תקנות חומרי הדברה ("תקנות בריאות הציבור (מזון) (שאריות חומרי הדברה) התשנ"א 1991")	ND	C
Pesticide residues by LC/MS	Absence	לפי תקנות חומרי הדברה ("תקנות בריאות הציבור (מזון) (שאריות חומרי הדברה) התשנ"א 1991")	ND	C

Lab name

Aminolab

Lab ID

075142.22-C

Toxins by external laboratory

Test Name	Acceptance Criteria	Analytical Method	Result	C/NC
B1 Aflatoxin:	NMT 2 µg/Kg	HPLC or UPLC	ND	C
Total Aflatoxins B1, B2, G1, G2	NMT 4 µg/Kg	HPLC or UPLC	ND	C
Ochratoxin A	Absence	HPLC or UPLC	ND	C

Lab name

Aminolab

Lab ID

077016.22-M

Microbiological Specification by external laboratory

Test Name	Acceptance Criteria	Analytical Method	Result	C/NC
Total aerobic microbial count	NMT 20,000 cfu/g	IS 885 art3	<100 cfu/g	C
Total yeast and molds count	NMT 2,000 cfu/g	IS 885 part 8	<10 cfu/g	C
E. Coli semi- quantitative	NMT 20 cfu/g	Current EP / USP	Absent	C
Salmonella	Negative in 25 g	Current EP / USP	Absent	C
P. Aeruginosa:	Negative in 1 gr	Current EP / USP	Absent	C
Enterobacteriaceae semi-quantitative	NMT 20 cfu/g	Current EP / USP	<10 cfu/g	C
S. Aureus	Negative in 1 gr	Based on: FDA 9 CFR	Absent	C

Lab name


Aminolab

Lab ID

075142.22-C

Heavy Metals by external laboratory

Test Name	Acceptance Criteria	Analytical Method	Result	C/NC
Cadmium	NMT 0.5 ppm	ICP-MS according to AOAC986.15	<0.5 ppm	C
Lead	NMT 5.0 ppm	ICP-MS according to AOAC986.15	<5 ppm	C

	Certificate of analysis (COA) for medical cannabis inflorescence תעודת אנליזה עבור תפרחות קנאביס רפואי	
Record ID: FRM-QC-030H-272	Filled by: Monica Teterson	Filled at: 20-09-2022

Test Name	Acceptance Criteria	Analytical Method	Result	C/NC
Mercury.	NMT 0.1 ppm	ICP-MS according to AOAC986.15	<0.1 ppm	C
Arsenic:	NMT 2.5 ppm	ICP-MS according to AOAC986.15	<1 ppm	C
Nickel:	Indicative	ICP-MS according to AOAC986.15	<5 ppm	C
Zinc:	Indicative	ICP-MS according to AOAC986.15	71 ppm	C

Packaging & Labeling

Packaging & Labeling	Pass/Fail
Medical cannabis inflorescence is packaged in a medical grade sealed package in a box with leaflet describing product and usage. Net weight 10 gm. The packed labeling includes: Product name, Ingredients statement, Name and address of manufacturer, Identification code, Production date and Best before date. Labeled as dangerous drug.	Pass

Specifications No. & Edition

SPEC-CNF04-00032T Ed:09

References


ASSAY: NB#18 QC-046 PAGE 2 LOD: NB#17 QC PAGE 15
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QC Approval

Signature: **Signed Electronically**
 Name: Monica Teterson
 Date: 20-09-2022 08:50

QA Approval

Signature: **Signed Electronically**
 Name: Diana Heinrich
 Date: 20-09-2022 13:20

	Certificate of analysis (COA) for medical cannabis inflorescence תעודת אנליזה עבור תפרחות קנאביס רפואי	
Record ID: FRM-QC-030H-245	Filled by: Monica Teterson	Filled at: 19-06-2022

Product Name

Medical Cannabis Inflorescence T20/C4 MADDOG Greenkom (Indica)

Product code

CNF04-0079F

Batch number

FT010622

Manufacturing Date

07-06-2022

Packing Date

15-06-2022

Storage Conditions

Room Temperature

Expiry Date

30-06-2023

Manufacturing Site

Cannassure

Lab name


Cannassure Laboratory

Tests

Test Name	Acceptance Criteria	Analytical Method	Result	C/NC
Appearance	Flowers with no bracts protruding more than 10% along the inflorescence	Visual inspection with a magnifying lens SOP QC-016	Flowers with no bracts protruding more than 10% along the inflorescence	C
Method of identification	Typical spectrum	SOP-QC-046	C	C
Water Content	9%-15%	Loss on drying SOP QC 044	14%	C

Assay (on dry basis)

Test Name	Acceptance Criteria	Analytical Method	Result	C/NC
THCA (on dry basis)	Indicative	UPLC SOP QC-046	24.6%	N.A.
CBG (on dry basis)	Indicative	UPLC SOP QC-046	0.1%	N.A.
CBGA (on dry basis)	Indicative	UPLC SOP QC-046	1.4%	N.A.
CBD (on dry basis)	Indicative	UPLC SOP QC-046	ND	N.A.
CBC (on dry basis)	Indicative	UPLC SOP QC-046	0.1%	N.A.
CBDA (on dry basis)	Indicative	UPLC SOP QC-046	0.1%	N.A.
THCV (on dry basis)	Indicative	UPLC SOP QC-046	ND	N.A.
CBDV (on dry basis)	Indicative	UPLC SOP QC-046	ND	N.A.
CBGA (on dry basis)	Indicative	UPLC SOP QC-046	0.2%	N.A.
Δ8-THC (on dry basis)	Indicative	UPLC SOP QC-046	ND	N.A.
Δ9-THC (on dry basis)	Indicative	UPLC SOP QC-046	1.5%	N.A.
Total THC (on dry basis)	16%-24%	UPLC SOP QC-046	23.1%	C
Total CBD (on dry basis)	0%-7%	UPLC SOP QC-046	0.1%	C
CBN (on dry basis)	NMT 1.5%	UPLC SOP QC-046	0.0%	C

	Certificate of analysis (COA) for medical cannabis inflorescence תעודת אנליזה עבור תפרחות קנאביס רפואי	
Record ID: FRM-QC-030H-245	Filled by: Monica Teterson	Filled at: 19-06-2022

Lab name

Aminolab

Lab ID

046866.22-CP

Pesticide Residue by external laboratory

Test Name	Acceptance Criteria	Analytical Method	Result	C/NC
Pesticide residues by GC/MS	Absence	לפי תקנות חומרי הדברה ("תקנות בריאות הציבור (מזון) (שאריות חומרי הדברה) התשנ"א 1991")	ND	C
Pesticide residues by LC/MS	Absence	לפי תקנות חומרי הדברה ("תקנות בריאות הציבור (מזון) (שאריות חומרי הדברה) התשנ"א 1991")	ND	C

Lab name

Aminolab

Lab ID

046866.22-CP

Toxins by external laboratory

Test Name	Acceptance Criteria	Analytical Method	Result	C/NC
B1 Aflatoxin:	NMT 2 µg/Kg	HPLC or UPLC	ND	C
Total Aflatoxins B1, B2, G1, G2	NMT 4 µg/Kg	HPLC or UPLC	ND	C
Ochratoxin A	Absence	HPLC or UPLC	ND	C

Lab name

Hylabs

Lab ID

440915

Microbiological Specification by external laboratory

Test Name	Acceptance Criteria	Analytical Method	Result	C/NC
Total aerobic microbial count	NMT 20,000 cfu/g	IS 885 art3	<500 cfu/g	C
Total yeast and molds count	NMT 2,000 cfu/g	IS 885 part 8	<500 cfu/g	C
E. Coli semi- quantitative	NMT 20 cfu/g	Current EP / USP	<20 cfu/1gr	C
Salmonella	Negative in 25 g	Current EP / USP	Not Detected	C
P. Aeruginosa:	Negative in 1 gr	Current EP / USP	No Growth	C
Enterobacteriaceae semi-quantitative	NMT 20 cfu/g	Current EP / USP	<20 cfu/1gr	C
S. Aureus	Negative in 1 gr	Based on: FDA 9 CFR	No Growth	C

Lab name


Aminolab

Lab ID

046866.22-CP

Heavy Metals by external laboratory

Test Name	Acceptance Criteria	Analytical Method	Result	C/NC
Cadmium	NMT 0.5 ppm	ICP-MS according to AOAC986.15	<0.25 ppm	C
Lead	NMT 5.0 ppm	ICP-MS according to AOAC986.15	<0.5 ppm	C

 cannasure	תעודת אנליזה עבור תפרוחות קנאביס רפואי Certificate of analysis (COA) for medical cannabis inflorescence	
Record ID: FRM-QC-030H-245	Filled by: Monica Teterson	Filled at: 19-06-2022

Test Name	Acceptance Criteria	Analytical Method	Result	C/NC
Mercury.	NMT 0.1 ppm	ICP-MS according to AOAC986.15	<0.05 ppm	C
Arsenic:	NMT 2.5 ppm	ICP-MS according to AOAC986.15	<0.5 ppm	C
Nickel:	Indicative	ICP-MS according to AOAC986.15	<2.5 ppm	C
Zinc:	Indicative	ICP-MS according to AOAC986.15	93 ppm	C

Packaging & Labeling

Packaging & Labeling	Pass/Fail
Medical cannabis inflorescence is packaged in a medical grade sealed package in a box with leaflet describing product and usage. Net weight 10 gm. The packed labeling includes: Product name, Ingredients statement, Name and address of manufacturer, Identification code, Production date and Best before date. Labeled as dangerous drug.	Pass

Specifications No. & Edition

SPEC-CNF04-00032T Ed:07

References

ASSAY: NB#12 QC-046 PAGE 119 LOD: NB#15 QC PAGE 39
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QC Approval

Signature: **Signed Electronically**
 Name: Monica Teterson
 Date: 19-06-2022 09:44

QA Approval

Signature: **Signed Electronically**
 Name: Diana Heinrich
 Date: 19-06-2022 12:11

FINAL SAMPLE REPORT No. 22000086-9634-1

Laboratory Details

Report Date: 08/12/2022

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

Analysis Date: 06/12/2022

Analyzed by: ~~██████████~~

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

Customer Details

Customer Name: Greencom Agro

Contact Person: _____

Phone Number: _____

E-Mail: _____

Sample Details

Customer Sample Name or/and ID Number: גן 782

Sample Form: Flowers

Cannasoul's sample ID: 9634

Reception Date: 01/12/2022

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. 22000086-9634-1

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 [ppm]	
		On Dry Basis
a-Pinene	917.01	■
Camphene	226.54	
b-Pinene	1262.44	■
Sabinene	1.96	
(-)-b-Myrcene	397.98	
3d-Carene	n.a.	
a-Terpinene	29.66	
D/L-Limonene	9173.59	■
p-Cymene	n.a.	
cis-Ocimene	n.a.	
Eucalyptol	21.40	
trans-Ocimene	282.75	
D/L-Fenchone	57.10	
Terpinolene	147.29	
Linalool	4154.92	■
Fenchol	786.75	■
(-)-Camphor	2.73	
(-)-Isopulegol	n.a.	
D/L-Borneol	117.91	
Isoborneol	4.08	
D/L-Menthol	n.a.	
a-Terpineol	635.39	■
Geraniol	124.80	
Nerol	n.a.	
a-Pulegone	n.a.	
b-Caryophyllene	5282.14	■
trans-b-Farnesene	780.61	■
a-Humulene	5768.65	■
(+)-Ledene	n.a.	
Valencene	n.a.	
trans-Nerolidol	n.a.	
Caryophyllene oxide	116.98	
(+)-Cedrol	n.a.	
(-)-Guaiol	n.a.	
(-)-a-Bisabolol	484.02	■
cis-Nerolidol	n.a.	
Loss On Drying		
Total Tested:	30776.70	

FINAL SAMPLE REPORT No. 22000086-9634-1

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.


- ISRAC accreditation is not considered as an approval of either the laboratory's procedures or its personnel.

Remarks:

None

End of report


Name and signature
Analyst


Name and signature
Laboratory Manager