

CERTIFICATE OF ANALYSIS (COA)

Medical Cannabis Inflorescences T20C4, 10g

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|----------------------|----------------------|------------------------|-------------------|--------------------|
| Document No.: | COA-FP-FT20C4 | Section: | QC | Page 1 of 3 |
| Version: | 02 | Effective Date: | 23-08-2022 | |

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| Product Name: Foggy Forest Inflorescences, T20C4 Indica | Item code: F Forest20 |
| Batch Number: F-FF0722159 | Sample lab-number: TOL-22-1064, TOL-22-1238, TOL-22-1239, TOL-22-1240, TOL-22-897 |

| | |
|--|---------------------------------------|
| Batch size (Kg): 42.57 | Units: 4257 |
| Manufacturer: Tikun-Olam Production | Manufacturing date: 17/07/2022 |
| Sampling date: 16/06/2022, 20/07/2022, 21/08/2022 | Expiry date: 07/2023 |
| Storage conditions: RT | COA No.: 0894-22 |
| Stability interval\ conditions (if applicable): NA | |
| Date of analysis: 21/07/2022, 22/08/2022, 26/06/2022, 27/06/2022, 31/07/2022, 03/08/2022 (COA date) | |

| Test | Specifications | Results | Units | Method | Conclusion Pass\Fail | Testing Site |
|-----------------------|---|----------|-------|-----------------------------|----------------------|--------------|
| Appearance | Brown to green clustered flowers | Complies | NA | Visual Inspection TO-LAB-21 | Pass | Tikun-Olam |
| Fineness | No leaves shooting out more than 10% of the length of the flowers | Complies | NA | Visual Inspection TO-LAB-21 | Pass | Tikun-Olam |
| Identification | The retention time of the main observed cannabinoids conforms to standard | Complies | NA | HPLC | Pass | Tikun-Olam |

Assay of Cannabinoids by HPLC (calculated on dried basis)

| Compound | Specifications | Results | Units | Method | Conclusion | Testing Site |
|---|----------------------|---------|-------|--|------------|--------------|
| Cannabidiolic Acid (CBDA) | For Information Only | <0.1 | % | In house procedure (TO-LAB-40.14) According to Ph. Eur 2.2.46 / USP 621 requirements | Pass | Tikun-Olam |
| Cannabidiol (CBD) | | <0.1 | % | | | |
| tCBD ¹ | 0-7 | <0.1 | % | | Pass | |
| Tetrahydrocannabinol Acid (THCA) | For Information Only | 26.1 | % | | | |
| Tetrahydrocannabinol (THC ^{Δ9}) | | 0.5 | % | | | |
| tTHC ² | 16-24 | 23 | % | | Pass | |
| Cannabichromenic Acid (CBCA) | For Information Only | 0.8 | % | | | |
| Cannabichromene (CBC) | | <0.1 | % | | | |
| Cannabigerolic Acid (CBGA) | | 0.7 | % | | | |
| Cannabigerol (CBG) | | 0.2 | % | | | |
| Cannabidivarin (CBDV) | | ND | % | | | |

¹ tCBD = 0.877*[CBDA] + [CBD]

² tTHC = 0.877*[THCA] + [THC]

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|---|---|----------|-------|--|------|---------------------------------|
| Tetrahydrocannabivarin (THCV) | | <0.1 | % | | | |
| Delta-8 Tetrahydrocannabinol (THC ^{Δ8}) | | <0.1 | % | | | |
| Cannabinol (CBN) | N.M.T 1.5 | <0.1 | % | | Pass | |
| Foreign Matter Test | Absence of pests. N.M.T. 2% m/m from plant origin and other foreign material. | Complies | NA | Visual Inspection TO-LAB-20 | Pass | Tikun-Olam |
| Loss on Drying | 6-14 | 13 | % | In house procedure (TO-LAB-40.09) based on Ph. Eur. 2.2.32 | Pass | Tikun-Olam |
| Heavy Metals | | | | | | |
| Arsenic (As) | N.M.T 2.5 | <0.5 | ppm | ICP-MS | Pass | Bactochem |
| Cadmium (Cd) | N.M.T 0.5 | <0.1 | ppm | | Pass | |
| Mercury (Hg) | N.M.T 0.1 | <0.1 | ppm | | Pass | |
| Nickel (Ni) | Indicative | <0.5 | ppm | | Pass | |
| Lead (Pb) | N.M.T 5.0 | <1.0 | ppm | | Pass | |
| Zinc (Zn) | Indicative | 69.740 | ppm | | Pass | |
| Pesticides Residues | | | | | | |
| Pesticides Residues | According to 152 SOP | ND | mg/kg | GCMS LCMS | Pass | Bactochem |
| Microbiology | | | | | | |
| Total Aerobic Microbial Count (TAMC) | N.M.T 20,000 | <1000 | CFU/g | Ph. Eur 2.6.12/ USP <61> | Pass | Institute For Food Microbiology |
| Total Yeasts and Molds Count (TYMC) | N.M.T 2,000 | <100 | CFU/g | Ph. Eur 2.6.12/ USP <61> | Pass | |
| E.coli | N.M.T 20 | ND | CFU/g | Ph. Eur 2.6.13/ USP <62> | Pass | |
| Salmonella | Negative | ND | NA | Ph. Eur 2.6.13/ USP <62> | Pass | |
| Enterobacteriaceae ³ | N.M.T 20 | ND | CFU/g | Ph. Eur 2.6.13/ USP <62> | Pass | |
| Staphylococcus aureus | Negative | ND | NA | Ph. Eur 2.6.13/ USP <62> | Pass | |
| Pseudomonas aeruginosa | Negative | ND | NA | Ph. Eur 2.6.13/ USP <62> | Pass | |
| Mycotoxins | | | | | | |

³ Bile Tolerance Presence

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| | | | | | | |
|-----------------------------------|---------|----|-------|------|------|-----------|
| Ochratoxin A | N.M.T 2 | ND | µg/kg | HPLC | Pass | Bactochem |
| Aflatoxin - B1 | N.M.T 2 | ND | µg/kg | | Pass | |
| Total-Aflatoxins (B1, B2, G1, G2) | N.M.T 4 | ND | µg/kg | | Pass | |

All tests comply with current specification SPC-FP-F-T20C4.

Documentation reference:

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| TO-LAB-20-02 TO-LAB-21-02 COA 0879-22 COA 919208 COA 919720 COA 22-579956/003 COA 932282 הערה: התוצאות המופיעות לגבי אחוז החומרים הפעילים באצווה זו חושבו על בסיס מדידה בשיטת LOD |
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Approved by:

Tsiona Nehemia, Analytical Laboratory Manager / Hen Nehemia, Authorized Laboratory Technician

 Date: 30-08-22

Reviewed and authorized by:

Elinor Cohen, Quality Assurance Manager / Shani Carmi, Head Pharmacist, QP

 Date: 30/08/2022

Approvals:

| | Name | Title | Signature | Date |
|---------------------|----------------|-------------|---------------------------|------------------|
| Approved by: | Tsiona Nehemia | Lab Manager | **Signed_Electronically** | 23-08-2022 11:16 |
| Approved by: | Elinor Cohen | QA Manager | **Signed_Electronically** | 23-08-2022 12:20 |