
	Effective Date:		David & Goliath
	16.07.2023		
Version Number:	1	COA-429	
Certificate of Analysis for Finished Product Medical Cannabis Flowers, 10g THC 1% / CBD 20%			

Medical Cannabis Flowers, 10g THC 1% / CBD 20%			
Catalog Number:	5F	4F	Description: i-CBD , indica

Batch Number:	5FCBD23001	Time Point:	Release
QC Number:	QC-23-141, QC-23-156	Storage Conditions:	RT
Manufacturing Date:	10/07/2023	Expiry Date:	23-מגד

Test	Method	Acceptance Criteria	Result	Conclusion	Testing Site
Appearance	AM-001	Green to brown clustered flowers, fairly trimmed, of NLT 0.5 cm length, with a characteristic smell.	OK	Conforms	D&G
Foreign Matter	AM-002	NMT 2% m/m of foreign matter.	OK	Conforms	D&G
External Pests	AM-002	The sample is free from molds, insects and another animal contamination.	OK	Conforms	D&G
Identification CBD, THC, CBN	HPLC UV MP-4003	The Retention time of the main peaks is identical to the standard	OK	Conforms	Cannasoul

Assay of Cannabinoids (calculated on dried basis) based on LOD / Karl Fisher Result.					
THC	HPLC UV MP-4003	Indicative	< 0.1%	Conforms	Cannasoul
THCA		Indicative	0.4%	Conforms	
Total THC		0-2.5%	0.4%	Conforms	
CBD		Indicative	0.9%	Conforms	
CBDA		Indicative	20.2%	Conforms	
Total CBD		16-24%	18.7%	Conforms	
CBN		NMT 1.5%	< 0.1%	Conforms	
CBC		Indicative	0.2%	Conforms	
CBCA		Indicative	1.4%	Conforms	
CBG		Indicative	0.1%	Conforms	
CBGA		Indicative	0.2%	Conforms	
THCV		Indicative	< 0.1%	Conforms	
CBDV		Indicative	< 0.1%	Conforms	
Moisture by LOD or KF		MP-4002 (LOD)/ MP-4008 (KF)	6-14%	12%	

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**Pesticides residues**

Dithiocarbamates	Based on Reg. 396/2005/EC	Not Detected	Not Detected	Conforms	Bactohem
Fosetyl by LCMS	Based on US 8-122-760 B2	Not Detected	Not Detected	Conforms	
Metaflumizone	PAM 302 QuEChERS	Not Detected	Not Detected	Conforms	
GCMS	Based on: QuEChERS, SANCO	Not Detected	Not Detected	Conforms	
LCMS	Based on: QuEChERS, SANCO	Not Detected	Not Detected	Conforms	

**Heavy Metals**


Cadmium	Elemental Analysis Manual: Section 4.4	NMT 0.5 ppm	< 0.1 ppm	Conforms	Bactohem
Lead		NMT 5.0 ppm	< 1.0 ppm	Conforms	
Mercury		NMT 0.1 ppm	< 0.1 ppm	Conforms	
Arsenic		NMT 2.5 ppm	< 0.5 ppm	Conforms	
Nickel		Indicative	< 0.5 ppm	Conforms	
Zinc		Indicative	95.597	Conforms	

**Mycotoxins**

B1 Aflatoxin	Based on: J. AOAC Int. 83, 320 (2000). AOAC Official	NMT 2 µg/Kg	Not Detected	Conforms	Bactohem
Total Aflatoxins (B1, B2, G1, G2)		NMT 4 µg/Kg	Not Detected	Conforms	
Ochratoxin A		NMT 2 µg/Kg	Not Detected	Conforms	

**Microbiology**

Total Aerobic Microbial Count	Ph. Eur. 2.6.12/ USP <61>	NMT 20,000 CFU/g	< 100 CFU/g	Conforms	Bactohem
Total Yeast and Molds Count	Ph. Eur. 2.6.12/ USP <61>	NMT 2,000 CFU/g	< 10 CFU/g	Conforms	
E. coli	ISO 16649/2	NMT 20 CFU/g	< 10 CFU/g	Conforms	
Enterobacteriaceae	Ph. Eur. 2.6.13/ USP 62	NMT 10 MPN/g	< 10 MPN/G	Conforms	
Salmonella	Ph. Eur. 2.6.13/ USP 62	Negative	Negative	Conforms	
S. Aureus	Ph. Eur. 2.6.13/ USP 62	Negative	Negative	Conforms	
P. Aeruginosa	Ph. Eur. 2.6.13/ USP 62	Negative	Negative	Conforms	

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Appearance of Packaging	Visual Inspection	Quality of gluing leaflet label to jar- The leaflet label is properly pasted in the correct orientation without displacement.	OK	Conforms	D&G
		Printing on the jar- The Printing included: lot, EXP, Total THC, Total CBD and CBN all parameters clear without erasures.	OK	Conforms	D&G

The Result taken from IPC Stage except from appearance of packaging (Process flowers-before label) Lot: 4FCBD23001

All tests are approved according to specifications SPEC-430

QC Manager Approval: Doron Forber Date: 20/07/23  
 QA Approval: Chen Sorok Date: 20/07/23

Unit Produced: 2801  
 Units Released: 2753  
 CQP Approval: \_\_\_\_\_ Date: 20/07/23

- Testing Site(s)
- David and Goliath Pharma (D&G)  
Hasif Street 1 Industrial Zone Bear Tovia, 8381500, Israel
  - Cannasoul Lab Service  
Kibbutz Gan Shmuel, 3881000, Israel
  - Bactochem Lab Service  
Hacharash Street 18, Ness Ziona ,7403125, Israel

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 David and Goliath Pharma  
 Hasif Street 1 Industrial Zone Bear Tovia, 8381500, Israel