

Certificate of Analysis for Finished Product			 David & Goliath pharma
תעודת אנליזה מוצר סופי			
עמוד 1 מתוך 5	תאריך תוקף: 07-09-2022	מהדורה: 4	מספר מסמך: COA-0031

Medical Cannabis Flowers, 10g THC 20% / CBD 4%	
Catalog Number: 5F <u>HGY</u> (4F <u>HGY</u>)	Description: <u>S163-Hagay-Indica</u>

Batch Number: <u>5FHGY22002</u>	Time Point: <u>Release</u>
QC Number: <u>QC-22-141</u>	Storage Conditions: <u>RT</u>
Manufacturing Date: <u>28/09/2022</u>	Expiry Date: <u>09/2023</u>

Test	Method	Acceptance Criteria	Result	Conclusion	Testing Site
Appearance	AM-0001	Green to brown clustered flowers, fairly trimmed, of NLT 0.5 cm length, with a characteristic smell.	OK	conforms	D&G
Foreign Matter	AM-0002	NMT 2% m/m	OK	conforms	D&G
External Pests	AM-0002	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	1.7%	conforms	cannasoul
THCA		Indicative	25.4%	conforms	
Total THC		16-24 %	23.9%	conforms	
CBD		Indicative	<0.1%	conforms	
CBDA		Indicative	0.1%	conforms	
Total CBD		0-7 %	0.1%	conforms	
CBN		NMT 1.5%	<0.1%	conforms	
CBC		Indicative	<0.1%	conforms	
CBCA		Indicative	0.2%	conforms	
CBG		Indicative	<0.1%	conforms	
CBGA		Indicative	0.6%	conforms	

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THCV		Indicative	<0.1%	conforms	Cannasoul
CBDV		Indicative	<0.1%	conforms	
Loss On Drying	MP-4002	6-14%	13%	conforms	Cannasoul
Pesticides residues	LCMS -based on: QuEChERS, SANCO	Absence	not Detected	conforms	Bactochem
	GCMS -based on: QuEChERS, SANCO	Absence	Not Detected	conforms	
Heavy Metals					
Cadmium	Elemental Analysis Manual: Section 4.4	NMT 0.5 ppm	<0.1 ppm	conforms	Bactochem
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	70.729 ppm	conforms	
Mycotoxins					
B1 Aflatoxin	Based on: AOAC 977.16 and J.AOAC vol. 83 no.2	NMT 2 µg/Kg	not Detected	conforms	Bactochem
Total Aflatoxins (B1, B2, G1, G2)		NMT 4 µg/Kg	not Detected	conforms	
Ochratoxin A	based on Vicam IAC + HPLC	NMT 2 µg/Kg	not Detected	conforms	
Microbiology					
Total Aerobic Microbial Count	Ph. Eur. 2.6.12/ USP <61>	NMT 20,000 CFU/g	100.0 cfu/g	conforms	Bactochem
Total Yeast and Molds Count	Ph. Eur. 2.6.12/ USP <61>	NMT 2,000 CFU/g	<10.0 cfu/g	conforms	
E. coli	ISO 16649	NMT 20 CFU/g	<10 cfu/g	conforms	
Enterobacteriaceae	Ph. Eur. 2.6.13/ USP_62	NMT 20 CFU/g	<10 cfu/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.	18/10/2022		
		Printing on the jar- The Printing included: lot, EXP, Total THC, Total CBD and CBN all parameters clear without erasures.			

The Result taken from IPC Stage except from appearance of packaging (Process flowers-before label) Lot:
4F HGY 22002

All tests are approved according to specifications SPEC-0031

עדה קסטר
מנהלת מעבדה QC

QC Approval: Ada Kaster Date: 18/10/2022

QA Approval: _____ Date: _____

Natalia Kramarev
Quality Assurance

18.10.2022

David & Goliath Pharma LTD

Signature: Natalia Kramarev

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עמוד 4 מתוך 5	תאריך תוקף: 07-09-2022	מהדורה: 4	מספר מסמך: COA-0031

Unit Produced: 3162

Units Released: 3160

CQP Approval:  Date: 31/10/22

Testing Site(s)

1. David and Goliath Pharma (D&G)

Hasif Street 1 Industrial Zone Bear Tovia, 8381500, Israel

2. Cannasoul Lab Service

Kibbutz Gan Shmuel, 3881000, Israel

3. Bactochem Lab Service

Hacharash Street 18, Ness Ziona ,7403125, Israel

Manufacturing Site:

David and Goliath Pharma

Hasif Street 1 Industrial Zone Bear Tovia, 8381500, Israel

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עמוד 5 מתוך 5	תאריך תוקף: 07-09-2022	מהדורה: 4	מספר מסמך: COA-0031

Approved By:

Name	Position	Signature	Date
Doron Ferber	QA Manager	**Signed_Electronically**	07-09-2022 10:11