

	<b>Effective Date:</b>		<b>David &amp; Goliath</b>
	<b>16/02/2023</b>		
<b>Version Number:</b>	<b>8</b>	<b>COA-027</b>	
<b>Certificate of Analysis for Finished Product Medical Cannabis Flowers, 10g THC 20% / CBD 4%</b>			

<b>Medical Cannabis Flowers, 10g THC 20% / CBD 4%</b>				
<b>Catalog Number:</b>	<b>5FSRS</b>	<b>4FSRS</b>	<b>Description:</b>	<b>Special Rose Lemon Lichi Sativa</b>

<b>Batch Number:</b>	<b>5FSRS23001</b>	<b>Time Point:</b>	<b>Release</b>
<b>QC Number:</b>	<b>QC-23-066</b>	<b>Storage Conditions:</b>	<b>RT</b>
<b>Manufacturing Date:</b>	<b>05/03/2023</b>	<b>Expiry Date:</b>	<b>03/2024</b>

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

<b>Assay of Cannabinoids (calculated on dried basis) based on (LOD) / Karl Fisher Result.</b>					
THC	HPLC UV MP-4003	Indicative	0.2%	Conforms	Cannasoul
THCA		Indicative	27.0%	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	0.3%	Conforms	
CBG		Indicative	<0.1%	Conforms	
CBGA		Indicative	1.5%	Conforms	
THCV		Indicative	<0.1%	Conforms	
CBDV		Indicative	<0.1%	Conforms	
<b>Moisture by LOD or KF</b>		MP-4002 (LOD)/ MP-4008 (KF)	6-14%	12%	

Pesticides residues					
Dithiocarbamates	Based on Reg. 396/2005/EC	Not Detected	Not Detected	Conforms	Bactochem
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	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	<10.0 ppm	Conforms	
Mycotoxins					
B1 Aflatoxin	Based on: J. AOAC Int. 83, 320 (2000). AOAC Official Method 999.07	NMT 2 µg/Kg	Not Detected	Conforms	Bactochem
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	<100.0 cfu/gr	Conforms	Bactochem
Total Yeast and Molds Count	Ph. Eur. 2.6.12/ USP <61>	NMT 2,000 CFU/g	<10.0 cfu/gr	Conforms	
E. coli	ISO 16649/2	NMT 20 CFU/g	<10 cfu/gr	Conforms	
Enterobacteriaceae	Ph. Eur. 2.6.13/ USP_62	NMT 20 CFU/g	<10 cfu/gr	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	
Appearance of Packaging	Visual Inspection	Quality of gluing leaflet label to jar- The leaflet label is properly pasted in the correct orientation without displacement.	N.A	N.A	N.A
		Printing on the jar- The Printing included: lot, EXP, Total THC, Total CBD and CBN all parameters clear without erasures.	N.A	N.A	N.A

The Result taken from IPC Stage except from appearance of packaging (Process flowers-before label) Lot: **4FSRS23001**

All tests are approved according to specifications SPEC-319

QC Approval: Ilana Melster *ilana*  
QA Approval: Chen Sorok *Chen*

Date: 20/03/2023  
Date: 20/03/2023

Unit Produced: 6552  
Units Released: 6550  
CQP Approval: 0

Date: 20/03/23

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

Manufacturing Site:

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