


<b>DG</b> David & Goliath	<b>Effective Date:</b>		<b>David &amp; Goliath</b>
	<b>04/07/2023</b>		
<b>Version Number:</b>	<b>12</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>5FSWWD</b>	<b>4FSWWD</b>	<b>Description:</b>
			<b>White Widow 125 Indica</b>

<b>Batch Number:</b>	<b>5FSWWD23001</b>	<b>Time Point:</b>	<b>Release</b>
<b>QC Number:</b>	<b>QC-23-123</b>	<b>Storage Conditions:</b>	<b>RT</b>
<b>Manufacturing Date:</b>	<b>22/06/2023</b>	<b>Expiry Date:</b>	<b>12/2023</b>

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	0.9%	Conforms	Cannasoul
THCA		Indicative	26.3%	Conforms	
Total THC		16-24 %	24.0%	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	0.4%	Conforms	
THCV		Indicative	<0.1%	Conforms	
CBDV		Indicative	<0.1%	Conforms	
Moisture by LOD or KF		MP-4002 (LOD) MP-4008 (KF)	6-14%	11%	

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Manufacturing Date:	22/06/2023	Expiry Date:	12/2023

Test	Method	Acceptance Criteria	Result	Conclusion	Testing Site
<b>Pesticides residues</b>					
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	
<b>Heavy Metals</b>					
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	72.735 ppm	Conforms	
<b>Mycotoxins</b>					
B1 Aflatoxin	Based on: J. AOAC Int. 83, 320 (2000). AOAC Official	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	
<b>Microbiology</b>					
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 16649/2	NMT 20 CFU/g	<10 CFU/g	Conforms	
Enterobacteriaceae	Ph. Eur. 2.6.13/ USP 62	NMT 10 MPN/g	<10 CFU/g <sup>MPN/g</sup> <sub>7569113</sub>	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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Test	Method	Acceptance Criteria	Result	Conclusion	Testing Site
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: 4FSWWD23001

All tests are approved according to specifications SPEC-319

QC Manager Approval: Doron Ferber D  
 QA Approval: Chen Sorok

Date: 15/08/23  
 Date: 15/08/23

Unit Produced: 1397  
 Units Released: 1434  
 CQP Approval: D

Date: 28/10/23

- 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