 <small>DAVID & GOLIATH BRAND</small>	Effective Date:		David & Goliath
	04/07/2023		
Version Number:	12		COA-027
Certificate of Analysis for Finished Product Medical Cannabis Flowers, 10g THC 20% / CBD 4%			


Medical Cannabis Flowers, 10g THC 20% / CBD 4%			
Catalog Number:	5FBQAB	4FBQAB	Description: A.B Appleberry Indica

Batch Number:	5FBQAB23001	Time Point:	Release
QC Number:	QC-23-292; QC-23-278	Storage Conditions:	RT
Manufacturing Date:	27/11/2023	Expiry Date:	11/2024

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	Conform	D&G
Foreign Matter	AM-002	NMT 2% m/m of foreign matter.	Ok	Conform	D&G
External Pests	AM-002	The sample is free from molds, insects and another animal contamination.	Ok	Conform	D&G
Identification CBD, THC, CBN	HPLC UV MP-4003	The Retention time of the main peaks is identical to the standard.	Ok	Conform	Cannasoul

Assay of Cannabinoids (calculated on dried basis) based on LOD / Karl Fisher Result.


Component	Method	Acceptance Criteria	Result	Conclusion	Testing Site
THC	HPLC UV MP-4003	Indicative	0.5%	Conform	Cannasoul
THCA		Indicative	26.9%	Conform	
Total THC		16-24 %	24.1%	Conform	
CBD		Indicative	<0.1%	Conform	
CBDA		Indicative	<0.1%	Conform	
Total CBD		0-7 %	<0.1%	Conform	
CBN		NMT 1.5%	<0.1%	Conform	
CBC		Indicative	<0.1%	Conform	
CBCA		Indicative	0.2%	Conform	
CBG		Indicative	0.1%	Conform	
CBGA		Indicative	0.6%	Conform	
THCV		Indicative	<0.1%	Conform	
CBDV		Indicative	<0.1%	Conform	
Moisture by LOD or KF		MP-4002 (LOD)/ MP-4008 (KF)	6-14%	13%	

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Test	Method	Acceptance Criteria	Result	Conclusion	Testing Site
Pesticides residues					
Dithiocarbamates	Based on Reg. 396/2005/EC	Not Detected	Not Detected	Conform	Bactochem
Fosetyl by LCMS	Based on US 8-122-760 B2	Not Detected	Not Detected	Conform	
Metaflumizone	PAM 302 QuEChERS	Not Detected	Not Detected	Conform	
GCMS	Based on: QuEChERS, SANCO	Not Detected	Not Detected	Conform	
LCMS	Based on: QuEChERS, SANCO	Not Detected	Not Detected	Conform	
Heavy Metals					
Cadmium	Elemental Analysis Manual: Section 4.4	NMT 0.5 ppm	<0.1 ppm	Conform	Bactochem
Lead		NMT 5.0 ppm	<1.0 ppm	Conform	
Mercury		NMT 0.1 ppm	<0.1 ppm	Conform	
Arsenic		NMT 2.5 ppm	<0.5 ppm	Conform	
Nickel		Indicative	<0.5 ppm	Conform	
Zinc		Indicative	58.680 ppm	Conform	
Mycotoxins					
B1 Aflatoxin	Based on: J. AOAC Int. 83, 320 (2000). AOAC Official	NMT 2 µg/Kg	Not Detected	Conform	Bactochem
Total Aflatoxins (B1, B2, G1, G2)		NMT 4 µg/Kg	Not Detected	Conform	
Ochratoxin A		NMT 2 µg/Kg	Not Detected	Conform	
Microbiology					
Total Aerobic Microbial Count	Ph. Eur. 2.6.12/ USP <61>	NMT 20,000 CFU/g	<100.0 CFU/g	Conform	Bactochem
Total Yeast and Molds Count	Ph. Eur. 2.6.12/ USP <61>	NMT 2,000 CFU/g	<10.0 CFU/g	Conform	
E. coli	ISO 16649/2	NMT 20 CFU/g	<10 CFU/g	Conform	
Enterobacteriaceae	Ph. Eur. 2.6.13/ USP 62	NMT 10 MPN/g	<10 MPN/g	Conform	
Salmonella	Ph. Eur. 2.6.13/ USP 62	Negative	Negative	Conform	
S. Aureus	Ph. Eur. 2.6.13/ USP 62	Negative	Negative	Conform	
P. Aeruginosa	Ph. Eur. 2.6.13/ USP 62	Negative	Negative	Conform	

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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	Conform	D&G
		Printing on the jar- The Printing included: lot, EXP, Total THC, Total CBD and CBN all parameters clear without erasures.	Ok	Conform	D&G

The Result taken from IPC Stage except from appearance of packaging (Process flowers-before label) Lot: **4FBQAB23001**

All tests are approved according to specifications SPEC-319

QC Manager Approval: Elina 
 QA Approval: 

Date: 07/12/2023
 Date: 07/12/23

Unit Produced: 1654
 Units Released: 1608
 CQP Approval: 

Date: 07/12/23

- 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