

Protocol Execution Report | 003934 COA HD Organic Marrakech Gold - 2gr 30% | Completed

Company Name/Manufacturer:

The Green Organic Dutchman
 Company Address: 6205 Airport Road, Mississauga ON, Canada

Cannabis Class

Extract - Inhalation - Hash

1. Item Description

COA HD Organic Marrakech Gold 30%

2. Item Number

0082776000814

3. Packaged Lot Number

003934

4. Item Size / UOM

2g

5. Packaging Date

Oct 31, 2022

Best Before Date

No expiry date has been determined.

6. Potency Testing Date

Mar 3, 2022

7. Bulk Lot Number

GH022203

8. Harvest Date

Comments
 N/A

9. Cultivation Batch

N/A

10. Number of Finished Units Released for Sale

683

11. Specifications Document Batch Released Against

Extract Specification
 Document Number: SPE-0000127
 Revision Number: 5.0

12. Effective Date

Aug 2, 2022

13. Physical Testing

Test	Method	Specifications	Results	Evaluation
1 Foreign Matter	Validated – External Lab Microscopic (USP 5.6.1)	<2% m/m (EP 2.8.2)	No visible foreign matter	<input checked="" type="radio"/> Conforms <input type="radio"/> Does not conform <input type="radio"/> N/A
2 Weight Accuracy	BN-0000050 Fabrication de hachage / Hash Manufacturing	As per declared weight (+/- 9%)	pass	<input checked="" type="radio"/> Conforms <input type="radio"/> Does not conform <input type="radio"/> N/A
3 Seal Integrity	BN-0000045 Emballage final / Final Packaging	Visual inspection of seal for integrity.	pass	<input checked="" type="radio"/> Conforms <input type="radio"/> Does not conform <input type="radio"/> N/A

14. Extracts - Inhalation Assay Testing

+	Assay Test	Method	Specifications	Results	Evaluation
1	Total THC:	Validated – External Lab (HPLC-UV Validated Assay for Hash CN0041)	As reported (mg/g)	298.2	<input checked="" type="radio"/> Conforms <input type="radio"/> Does not conform <input type="radio"/> N/A
2	THC:	Validated – External Lab (HPLC-UV Validated Assay for Hash CN0041)	As reported (mg/g)	113.1	<input checked="" type="radio"/> Conforms <input type="radio"/> Does not conform <input type="radio"/> N/A
3	THCA:	Validated – External Lab (HPLC-UV Validated Assay for Hash CN0041)	As reported (mg/g)	211.1	<input checked="" type="radio"/> Conforms <input type="radio"/> Does not conform <input type="radio"/> N/A
4	Total CBD:	Validated – External Lab (HPLC-UV Validated Assay for Hash CN0041)	As reported (mg/g)	<1.0	<input checked="" type="radio"/> Conforms <input type="radio"/> Does not conform <input type="radio"/> N/A
5	CBD:	Validated – External Lab (HPLC-UV Validated Assay for Hash CN0041)	As reported (mg/g)	<1.0	<input checked="" type="radio"/> Conforms <input type="radio"/> Does not conform <input type="radio"/> N/A
6	CBDA:	Validated – External Lab (HPLC-UV Validated Assay for Hash CN0041)	As reported (mg/g)	<1.0	<input checked="" type="radio"/> Conforms <input type="radio"/> Does not conform <input type="radio"/> N/A
7	Other Phyto cannabinoids:	Validated – External Lab (HPLC-UV Validated Assay for Hash CN0041)	As reported (mg/g)	Cannabigerol (CBG) 4.2 Cannabigerolic Acid (CBGA) 7.4	<input checked="" type="radio"/> Conforms <input type="radio"/> Does not conform <input type="radio"/> N/A
8	Terpenes:	Validated – External Lab (GC-MS Headspace Validated Method for Oil CN0007)	%	t-Caryophyllene 0.191 Linalool 0.101 Terpineol 0.068	<input checked="" type="radio"/> Conforms <input type="radio"/> Does not conform <input type="radio"/> N/A
9	Irradiation:	108, Nordion Cobalt-60 Irradiator #108, ON-STD	Maximum Specified Dose (kGy): 10.0	<10	<input checked="" type="radio"/> Conforms <input type="radio"/> Does not conform <input type="radio"/> N/A

15. Microbiology Test

+	Test	Method	Specification	Results	Evaluation
1	Total Aerobic Bacteria Count	Validated Method - External Lab (USP and EP Harmonized Method for Hash CN0040)	$\leq 5 \times 10^5$ CFU/mL or CFU/g (EP 5.1.8)	10	<ul style="list-style-type: none"> ● Conforms ○ Does not conform ○ N/A
2	Bile Tolerant Gram-Negative Bacteria	Validated Method - External Lab (USP and EP Harmonized Method for Hash CN0040)	$\leq 1 \times 10^4$ CFU/mL or CFU/g (EP 5.1.8)	<10	<ul style="list-style-type: none"> ● Conforms ○ Does not conform ○ N/A
3	Total combined Yeast & Mold Count	Validated Method - External Lab (USP and EP Harmonized Method for Hash CN0040)	$\leq 5 \times 10^4$ CFU/mL or CFU/g (EP 5.1.8)	13000	<ul style="list-style-type: none"> ● Conforms ○ Does not conform ○ N/A
4	E.coli	Validated Method - External Lab (USP and EP Harmonized Method for Hash CN0040)	Absent in 1g (EP 5.1.8)	Absent	<ul style="list-style-type: none"> ● Conforms ○ Does not conform ○ N/A
5	Salmonella Spp.	Validated Method - External Lab (USP and EP Harmonized Method for Hash CN0040)	Absent in 25g (EP 5.1.8)	Absent	<ul style="list-style-type: none"> ● Conforms ○ Does not conform ○ N/A
6	Aflatoxin B1	Validated Method - External Lab (LC-MS-MS Validated Method for Hash CN0048)	<2 ppb (EP 2.8.18)	<2	<ul style="list-style-type: none"> ● Conforms ○ Does not conform ○ N/A
7	Aflatoxin (B1+B2+G1+G2)	Validated Method - External Lab (LC-MS-MS Validated Method for Hash CN0048)	<4 ppb (EP 2.8.18)	<2	<ul style="list-style-type: none"> ● Conforms ○ Does not conform ○ N/A

16. Limit Test

*HC Mandatory Cannabis Testing for Pesticide Active Ingredients.

+	Test	Method	Specification	Results	Evaluation
1	Arsenic	Validated - External Lab (ICP-MS Validated Method for Hash CN0044)	<0.8 ppm (inhale - USP 232)	0.11	<ul style="list-style-type: none"> ● Conforms ○ Does not conform ○ N/A
2	Cadmium	Validated - External Lab (ICP-MS Validated Method for Hash CN0044)	<1.2 ppm (inhale - USP 232)	<0.10	<ul style="list-style-type: none"> ● Conforms ○ Does not conform ○ N/A
3	Lead	Validated - External Lab (ICP-MS Validated Method for Hash CN0044)	<2.0 ppm (inhale - USP 232)	<0.25	<ul style="list-style-type: none"> ● Conforms ○ Does not conform ○ N/A
4	Mercury	Validated - External Lab (ICP-MS Validated Method for Hash CN0044)	<0.4 ppm (inhale - USP 232)	<0.05	<ul style="list-style-type: none"> ● Conforms ○ Does not conform ○ N/A
5	Pesticides*	CHM.016/LAB-MTD-010	<LOQ for each individual pesticide	Pass	<ul style="list-style-type: none"> ● Conforms ○ Does not conform ○ N/A
6	Residual Solvents	Validated - External Lab (GC-MS Headspace Validated Method for Hash CN0046)	<5000 PPM Isopropyl Alcohol (2-propanol) <5000 PPM Ethanol	<2400	<ul style="list-style-type: none"> ● Conforms ○ Does not conform ○ N/A

Final Approval

I hereby certify that the above information is authentic and accurate. The batch cultivation, processing, packaging, and analysis records were reviewed and found to be in compliance with Good Production Practices of the Cannabis Regulations. I certify that all activities performed for this lot (cultivation, harvesting, drying, and storage) was performed in an approved and licensed room and any pesticides applied to the batch are approved by Health Canada. The cannabis products listed above have been tested for pesticide residues in compliance with the Cannabis Regulations.

Each lot of input cannabis was tested and confirmed to meet the current Mandatory Cannabis Testing for Pesticide Active Ingredients Requirements prior to being used for any processing activity (i.e. milling, extraction, formulation) to produce the above cannabis product.

Fresh and/or dried cannabis input-tested prior to milling, extraction, packaging, labelling.

Cannabis extract/distillate input-tested prior to further extraction, mixing, formulation.

Any input cannabis tested for pesticide residues prior to December 2, 2019 was utilized prior to December 2, 2019.

Cannabis "oil" was tested within the Cannabis oil transition and meets the requirements as listed in the current Mandatory Cannabis Testing for Pesticide Active Ingredients Requirements.

Cannabis extracts that were tested and confirmed to meet the current Mandatory Cannabis Testing for Pesticide Active Ingredients Requirements before they were further formulated or extracted to produce the cannabis product.

Test results that equal or exceeds the laboratory's LOQ (Limit of Quantification) have been reported to Health Canada in accordance to the current Mandatory Cannabis Testing for Pesticide Active Ingredients Requirements and Health Canada's response is attached whereby current means date this document was signed.

If any part of this attestation is no longer true, the purchaser will be given notice as soon as possible.

This approval certifies that the aforementioned product has been released for sale by QAP.

Action Name	User Name	Title	Signature Date
Complete	Jennifer Hoffman	QAP/Senior Manager, Quality Assurance	08-Dec-2022 16:29 (GMT-4)
Approve	Jennifer Hoffman	QAP/Senior Manager, Quality Assurance	08-Dec-2022 16:29 (GMT-4)

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