Certificate of Analysis

CUSTOMER INFORMATION

Client Name: CWL Brands
Attention: Rob Farias
Address: 11193 W Emerald St., STE 140
Boise, ID 83713
Phone Number: (208) 577-7668

TESTING FACILITY

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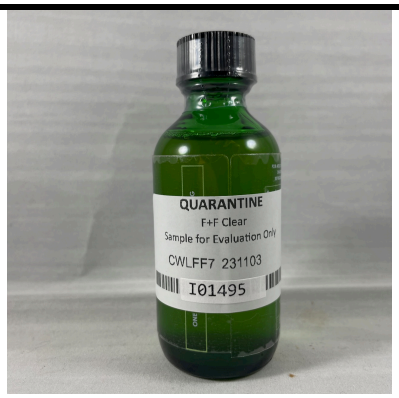
SAMPLE IMAGE(S)



JOB / SAMPLE INFORMATION

Received: 21 MAR 2023
Condition: Good
Job ID: ISO01179
Sample ID: I01495
Sample Name: F+F Clear
Lot CWLFF7231103
Description: Liquid botanical tincture
Completed: 30 MAR 2023
Issued: 31 MAR 2023

TEST RESULT(S)

Elemental Impurities (ICP-MS) — **Method Code:** T301 — **Tested:** 26MAR2023 | 1845

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Arsenic	NMT 1.5	0.12	ug/g	0.049	PASS
Cadmium	NMT 0.5	0.011	ug/g	0.0097	PASS
Lead	NMT 0.5	0.088	ug/g	0.0097	PASS
Mercury	NMT 3.0	0.011	ug/g	0.0097	PASS

Residual Solvents (GC-MS) — **Method Code:** T201 — **Tested:** 30MAR2023 | 1643

PARAMETER	ACTION LEVEL	RESULT	UNIT	LOQ	NOTES
1,1-Dichloroethene	8	<LOQ	ug/g	0.8	PASS
1,1,1-Trichloroethane	1500	<LOQ	ug/g	150	PASS
Tetrachloromethane	4	<LOQ	ug/g	0.4	PASS
Benzene	2	<LOQ	ug/g	0.2	PASS
1,2-Dichloroethane	5	<LOQ	ug/g	0.5	PASS
Methanol	3000	<LOQ	ug/g	150	PASS
Acetonitrile	410	<LOQ	ug/g	41	PASS
Dichloromethane	600	<LOQ	ug/g	60	PASS
1,2-Dichloroethene, (E)	1870	<LOQ	ug/g	187	PASS
1,2-Dichloroethene, (Z)	1870	<LOQ	ug/g	187	PASS
Tetrahydrofuran	720	<LOQ	ug/g	72	PASS
Cyclohexane	3880	<LOQ	ug/g	388	PASS
Methylcyclohexane	1180	<LOQ	ug/g	118	PASS
1,4-Dioxane	380	<LOQ	ug/g	38	PASS

Residual Solvents (GC-MS) | **Method Code:** T201 | **Tested:** 30MAR2023 | 1643

PARAMETER	ACTION LEVEL	RESULT	UNIT	LOQ	NOTES
Toluene	890	<LOQ	ug/g	89	PASS
Chlorobenzene	360	<LOQ	ug/g	36	PASS
Ethylbenzene	2170	<LOQ	ug/g	217	PASS
o/p-Xylene	2170	<LOQ	ug/g	217	PASS
m-Xylene	2170	<LOQ	ug/g	217	PASS
Isopropylbenzene	70	<LOQ	ug/g	7	PASS
Hexane	290	<LOQ	ug/g	29	PASS
Nitromethane	50	<LOQ	ug/g	5	PASS
Chloroform	60	<LOQ	ug/g	6	PASS
1,2-Dimethoxyethane	100	<LOQ	ug/g	10	PASS
Trichloroethene	80	<LOQ	ug/g	8	PASS
Pyridine	200	<LOQ	ug/g	20	PASS
2-Hexanone	50	<LOQ	ug/g	5	PASS
Tetralin	100	<LOQ	ug/g	10	PASS
Dimethylformamide	880	<LOQ	ug/g	88	PASS
Pentane	5000	<LOQ	ug/g	500	PASS
Ethanol	5000	<LOQ	ug/g	500	PASS
Diethyl Ether	5000	<LOQ	ug/g	500	PASS
Acetone	5000	<LOQ	ug/g	500	PASS
Ethyl Formate	5000	<LOQ	ug/g	500	PASS
Isopropanol	5000	<LOQ	ug/g	500	PASS
Methyl Acetate	5000	<LOQ	ug/g	500	PASS
Methyl tert-Butyl Ether	5000	<LOQ	ug/g	500	PASS
1-Propanol	5000	<LOQ	ug/g	500	PASS
2-Butanone	5000	<LOQ	ug/g	500	PASS
Ethyl Acetate	5000	<LOQ	ug/g	500	PASS
2-Butanol	5000	<LOQ	ug/g	500	PASS
2-Methyl-1-Propanol	5000	<LOQ	ug/g	500	PASS
Isopropyl Acetate	5000	<LOQ	ug/g	500	PASS
Heptane	5000	<LOQ	ug/g	500	PASS
1-Butanol	5000	<LOQ	ug/g	500	PASS
Propyl Acetate	5000	<LOQ	ug/g	500	PASS
4-Methyl-2-Pentanone	5000	<LOQ	ug/g	500	PASS
Isoamyl Alcohol	5000	<LOQ	ug/g	500	PASS
Isobutyl Acetate	5000	<LOQ	ug/g	500	PASS
1-Pentanol	5000	<LOQ	ug/g	500	PASS
Butyl Acetate	5000	<LOQ	ug/g	500	PASS
Dimethylsulfoxide	5000	<LOQ	ug/g	500	PASS

Residual Solvents (GC-MS)		Method Code: T201		Tested: 30MAR2023 I 1643	
PARAMETER	ACTION LEVEL	RESULT	UNIT	LOQ	NOTES
Anisole	5000	<LOQ	ug/g	500	PASS

Microbiological Examination		Method Code: T005		Tested: 27MAR2023 I 1128	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Total Aerobic Plate Count	10,000,000 CFU/gram	Not Detected	CFU/gram	20 CFU/gram	PASS
Total Yeast & Mold	100,000 CFU/gram	Not Detected	CFU/gram	20 CFU/gram	PASS
Total Coliforms	10,000 CFU/gram	Not Detected	CFU/gram	20 CFU/gram	PASS
Escherichia coli	Not Detected in 10 grams	Not Detected	N/A	1 CFU/10 grams	PASS
Staphylococcus aureus	Not Detected in 10 grams	Not Detected	N/A	1 CFU/10 grams	PASS
Salmonella	Not Detected in 25 grams	Not Detected	N/A	1 CFU/25 grams	PASS

ADDITIONAL REPORT NOTES

T301 performed by a registered outsourcing facility.

REVISION HISTORY

rev00	Initial release.
rev01	Appended additional test results: T104, T301, T201, and T005.
rev02	Redacted test results per client confidentiality request: T102, T104. This version does not supersede rev01.

This report has been authorized for release from Cora Science by:

Signature: Tyler West **Department:** Management

Name: Tyler West, Laboratory Director **Date:** 31 MAR 2023

ABBREVIATIONS

ID: identification, **N/A:** not applicable, **LOQ:** limit of quantitation, **CFU:** colony forming units, **w/w%:** weight by weight percent, **mg:** milligrams, **g:** grams, **ug:** micrograms, **mL:** milliliters, **ND:** not detected, **<LOQ:** below limit of quantitation, **NMT:** no more than, **NLT:** no less than, **UHPLC:** ultra-high performance liquid chromatography, **GC:** gas chromatography, **DAD:** diode array detection/detector, **MS:** mass spectroscopy/spectrometer, **ICP:** inductively coupled plasma, **ISO:** International Organization for Standardization, **USP:** United States Pharmacopeia