Certificate of Analysis



Customer Information

Client:	Steding and Sons Mercantile
Attention:	(737) 895-2303
Address:	1501 Panther Loop #7A
	Pflugerville, TX 78660

Testing Facility

Lab:	Cora Science, LLC			
Address	8000 Anderson Square, STE 113			
	Austin, Texas 78757			
Contact:	info@corascience.com			
	(512) 856-5007			

Sample Image(s)



Sample Information

Name:	Invisible Electric - Liquid
Lot Number:	SSIE0001
Description:	Ready-to-drink botanical infused beverage
Condition:	Good
Job ID:	ISO02908
Sample ID:	107337
Received:	04DEC2024
Completed:	10DEC2024
Issued:	11DEC2024

Test Results

Speciogynine

Mitragyna Alkaloids (UHPLC-DAD)		Method Code: T102		Tested: 10DEC2024 1640	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	148	mg/unit	0.695	N/A
7-Hydroxymitragynine	Report Results	0.752	mg/unit	0.185	N/A
Paynantheine	Report Results	8.01	mg/unit	0.695	N/A
Speciogynine	Report Results	4.19	mg/unit	0.695	N/A
Speciociliatine	Report Results	1.46	mg/unit	0.695	N/A
Total Mitragyna Alkaloids	Report Results	163	mg/unit	0.695	N/A
Mitragyna Alkaloids (UHPLC-DAD)		Method Code	e: T102	Tested: 10	DEC2024 1640
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Mitragynine	Report Results	0.972	w/w%	0.0046	N/A
7-Hydroxymitragynine	Report Results	0.005	w/w%	0.0012	N/A
Paynantheine	Report Results	0.052	w/w%	0.0046	N/A

Speciociliatine Total Mitragyna Alkaloids	Report Results Report Results	0.010 1.07	w/w% w/w%	0.0046 0.0046	N/A N/A
Residual Solvents: Class I (GC-MS)		Method Code: T201		Tested: 07DEC2024 1746	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
1,1-Dichloroethene	NMT 8	<loq< td=""><td>ug/g</td><td>0.4</td><td>PASS</td></loq<>	ug/g	0.4	PASS
1,1,1-Trichloroethane	NMT 1500	<loq< td=""><td>ug/g</td><td>75</td><td>PASS</td></loq<>	ug/g	75	PASS
Tetrachloromethane	NMT 4	<loq< td=""><td>ug/g</td><td>0.2</td><td>PASS</td></loq<>	ug/g	0.2	PASS
Benzene	NMT 2	<loq< td=""><td>ug/g</td><td>0.1</td><td>PASS</td></loq<>	ug/g	0.1	PASS
1,2-Dichloroethane	NMT 5	<loq< td=""><td>ug/g</td><td>0.25</td><td>PASS</td></loq<>	ug/g	0.25	PASS

0.027

w/w%

0.0046

N/A

Report Results

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Residual Solvents: Class II (GC-MS)		Method Code: T201		Tested: 07DEC2024 1746	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Methanol	NMT 3000	<loq< td=""><td>ug/g</td><td>94</td><td>PASS</td></loq<>	ug/g	94	PASS
Acetonitrile	NMT 410	<loq< td=""><td>ug/g</td><td>10.25</td><td>PASS</td></loq<>	ug/g	10.25	PASS
Dichloromethane	NMT 600	<loq< td=""><td>ug/g</td><td>15</td><td>PASS</td></loq<>	ug/g	15	PASS
1,2-Dichloroethene, (E)	NMT 1870	<loq< td=""><td>ug/g</td><td>46.75</td><td>PASS</td></loq<>	ug/g	46.75	PASS
1,2-Dichloroethene, (Z)	NMT 1870	<loq< td=""><td>ug/g</td><td>46.75</td><td>PASS</td></loq<>	ug/g	46.75	PASS
Tetrahydrofuran	NMT 720	<loq< td=""><td>ug/g</td><td>18</td><td>PASS</td></loq<>	ug/g	18	PASS
Cyclohexane	NMT 3880	<loq< td=""><td>ug/g</td><td>97</td><td>PASS</td></loq<>	ug/g	97	PASS
Methylcyclohexane	NMT 1180	<loq< td=""><td>ug/g</td><td>29.5</td><td>PASS</td></loq<>	ug/g	29.5	PASS
1,4-Dioxane	NMT 380	<loq< td=""><td>ug/g</td><td>9.5</td><td>PASS</td></loq<>	ug/g	9.5	PASS
Toluene	NMT 890	<loq< td=""><td>ug/g</td><td>22.25</td><td>PASS</td></loq<>	ug/g	22.25	PASS
Chlorobenzene	NMT 360	<loq< td=""><td>ug/g</td><td>9</td><td>PASS</td></loq<>	ug/g	9	PASS
Ethylbenzene	NMT 2170	<loq< td=""><td>ug/g</td><td>54.25</td><td>PASS</td></loq<>	ug/g	54.25	PASS
o/p-Xylene	NMT 2170	<loq< td=""><td>ug/g</td><td>54.25</td><td>PASS</td></loq<>	ug/g	54.25	PASS
m-Xylene	NMT 2170	<loq< td=""><td>ug/g</td><td>54.25</td><td>PASS</td></loq<>	ug/g	54.25	PASS
Isopropylbenzene	NMT 70	<loq< td=""><td>ug/g</td><td>1.75</td><td>PASS</td></loq<>	ug/g	1.75	PASS
Hexane	NMT 290	<loq< td=""><td>ug/g</td><td>7.25</td><td>PASS</td></loq<>	ug/g	7.25	PASS
Nitromethane	NMT 50	<loq< td=""><td>ug/g</td><td>1.25</td><td>PASS</td></loq<>	ug/g	1.25	PASS
Chloroform	NMT 60	<loq< td=""><td>ug/g</td><td>1.5</td><td>PASS</td></loq<>	ug/g	1.5	PASS
1,2-Dimethoxyethane	NMT 100	<loq< td=""><td>ug/g</td><td>2.5</td><td>PASS</td></loq<>	ug/g	2.5	PASS
Trichloroethene	NMT 80	<loq< td=""><td>ug/g</td><td>2</td><td>PASS</td></loq<>	ug/g	2	PASS
Pyridine	NMT 200	<loq< td=""><td>ug/g</td><td>5</td><td>PASS</td></loq<>	ug/g	5	PASS
2-Hexanone	NMT 50	<loq< td=""><td>ug/g</td><td>1.25</td><td>PASS</td></loq<>	ug/g	1.25	PASS
Tetralin	NMT 100	<loq< td=""><td>ug/g</td><td>2.5</td><td>PASS</td></loq<>	ug/g	2.5	PASS

Residual Solvents: Class III (GC-MS)

Method Code: T201

Tested: 07DEC2024 | 1746

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES
Pentane	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS
Ethanol	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS
Diethyl Ether	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS
Acetone	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS
Ethyl Formate	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS
Isopropanol	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS
Methyl Acetate	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS
Methyl tert-Butyl Ether	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS
1-Propanol	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS
2-Butanone	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS
Ethyl Acetate	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS
2-Butanol	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS
2-Methyl-1-Propanol	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS
Isopropyl Acetate	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS
Heptane	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS
1-Butanol	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS
Propyl Acetate	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS
4-Methyl-2-Pentanone	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS
Isoamyl Alcohol	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS
Isobutyl Acetate	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS
1-Pentanol	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS
Butyl Acetate	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS
Dimethylsulfoxide	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS
Anisole	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td></loq<>	ug/g	125	PASS

Elemental Impurities (ICP-MS)

Method Code: T301

Tested: 06DEC2024 | 1607

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Work Order ID: ISO02908 - Sample Id: I07337 - Received Date: 04DEC2024 - Issued Date: 11DEC2024 - Page: 3

ArsenicNMT 2.00 <loq< th="">ug/gCadmiumNMT 0.82<loq< td="">ug/gMercuryNMT 0.400.032ug/gLeadNMT 1.20<loq< td="">ug/gMethod Code: T005</loq<></loq<></loq<>		NOTES
ArsenicNMT 2.00 <loq< th="">ug/gCadmiumNMT 0.82<loq< td="">ug/gMercuryNMT 0.400.032ug/g</loq<></loq<>	Tested:	: 04DEC2024 1657
ArsenicNMT 2.00 <loq< th="">ug/gCadmiumNMT 0.82<loq< td="">ug/g</loq<></loq<>	0.002	PASS
Arsenic NMT 2.00 <loq g<="" td="" ug=""><td>0.002</td><td>PASS</td></loq>	0.002	PASS
	0.002	PASS
	0.006	PASS
PARAMETER SPECIFICATION RESULT UNIT	LOQ	NOTES

PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Total Aerobic Plate Count	10,000,000 CFU / g	Not Detected	CFU/g	10 CFU / g	PASS	
Total Yeast and Mold	100,000 CFU / g	Not Detected	CFU/g	10 CFU / g	PASS	
Total Coliforms	10,000 CFU / g	Not Detected	CFU/g	10 CFU / g	PASS	
Escherichia coli	Not Detected in 10 g	Not Detected	N/A	1 CFU / 10 g	PASS	
Salmonella	Not Detected in 25 g	Not Detected	N/A	1 CFU / 25 g	PASS	

Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured density of 1.018 g/mL and package specified fill volume of 15.0 mL.

Revision History

rev 00 - Initial release.

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

Authorization

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

Position: Laboratory Director John Wese Signature: **Department:** Management 11DEC2024 Date: Tyler West

Name:

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