## Certificate of Analysis

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cordscience

Customer Information		Testing Facili				
LNNN	yKratom.org ny.kratom@gmail.com Test	Lab: Address	Cora Science 8000 Ander	ce, LLC rson Square, STE as 78757	ty israton	n.or
<b>Address:</b> 18117	Biscayne Blvd, Suite #4220 , FL 33160	Contact:	Austin, Texa info@coras (512) 856-5	cience.com		
Sample Image(s)		Sample Infor	mation			
		Name:		Grape 7-OH tak	blet	
tom.org	www.ratom.org	Lot Number:		-12m.org		
tonne	rever ratoring	1/100		essed Tablet		
	ALE STORY CALLS AND ADDRESS AN	Condition:	Testing Good			Te
		Job ID:	ISOO	2964		
0		Sample ID:	10752	28		
100		Received:	13DE	EC2024		
1000		Completed:	20DE	EC2024		
		Issued:		EC2024		
Test Results rato	m.org Testl	NyKratom.c	org	TestN	lyKraton	n.01
Mitragyna Alkaloids (UH		Method Code:			DEC2024   12	
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Mitragynine	Report Results	0.079	mg/unit	0.04	N/A	
7-Hydroxymitragynine	Report Results	20.7	mg/unit	0.01	N/A	
Mitragynine Pseudoindoxyl		0.244	mg/unit	0.03	N/A	
Mitraciliatine	Report Results	<loq< td=""><td>mg/unit</td><td>0.02</td><td>N/A</td><td>-</td></loq<>	mg/unit	0.02	N/A	-
Speciociliatine	Report Results	<loq< td=""><td>e<sup>5</sup> mg/unit</td><td>0.04</td><td>N/A</td><td>T</td></loq<>	e <sup>5</sup> mg/unit	0.04	N/A	T
Speciogynine	Report Results	<loq< td=""><td>mg/unit</td><td>0.04</td><td>N/A</td><td></td></loq<>	mg/unit	0.04	N/A	
Paynantheine	Report Results	<loq< td=""><td>mg/unit</td><td>0.04</td><td>N/A</td><td></td></loq<>	mg/unit	0.04	N/A	
Corynoxine	Report Results	<loq< td=""><td>mg/unit</td><td>0.02</td><td>N/A</td><td></td></loq<>	mg/unit	0.02	N/A	
Isorhynchophylline	Report Results	<loq< td=""><td>mg/unit</td><td>0.02</td><td>N/A</td><td></td></loq<>	mg/unit	0.02	N/A	
Mitraphylline	Report Results	<loq< td=""><td>mg/unit</td><td>0.59</td><td>N/A</td><td></td></loq<>	mg/unit	0.59	N/A	
Total Mitragyna Alkaloids	Report Results	21.0	mg/unit	0.04	N/A	
A.Krato	PLC-DAD)	Method Code:	T102	Tested: 20D	DEC2024   12	<del>n.0</del> 259
Mitragyna Alkaloids (UH	Tesu			1 -		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
lest	lest	<b>RESULT</b> 0.013	UNIT w/w%	<b>LOQ</b> 0.006	NOTES N/A	
PARAMETER	SPECIFICATION			-		
<b>PARAMETER</b> Mitragynine	SPECIFICATION Report Results Report Results	0.013	w/w%	0.006	N/A	
<b>PARAMETER</b> Mitragynine 7-Hydroxymitragynine	SPECIFICATION Report Results Report Results	0.013 3.28	w/w% w/w%	0.006 0.002	N/A N/A	
<b>PARAMETER</b> Mitragynine 7-Hydroxymitragynine Mitragynine Pseudoindoxyl	SPECIFICATION Report Results Report Results Report Results	0.013 3.28 0.039	w/w% w/w% w/w%	0.006 0.002 0.005 0.004 0.006	N/A N/A N/A	
<b>PARAMETER</b> Mitragynine 7-Hydroxymitragynine Mitragynine Pseudoindoxyl Mitraciliatine	SPECIFICATION Report Results Report Results Report Results Report Results	0.013 3.28 0.039 <loq< td=""><td>w/w% w/w% w/w% w/w%</td><td>0.006 0.002 0.005 0.004</td><td>N/A N/A N/A N/A</td><td></td></loq<>	w/w% w/w% w/w% w/w%	0.006 0.002 0.005 0.004	N/A N/A N/A N/A	
<b>PARAMETER</b> Mitragynine 7-Hydroxymitragynine Mitragynine Pseudoindoxyl Mitraciliatine Speciociliatine	SPECIFICATION Report Results Report Results Report Results Report Results Report Results	0.013 3.28 0.039 <loq <loq< td=""><td>w/w% w/w% w/w% w/w% w/w%</td><td>0.006 0.002 0.005 0.004 0.006</td><td>N/A N/A N/A N/A</td><td>Т</td></loq<></loq 	w/w% w/w% w/w% w/w% w/w%	0.006 0.002 0.005 0.004 0.006	N/A N/A N/A N/A	Т
<b>PARAMETER</b> Mitragynine 7-Hydroxymitragynine Mitragynine Pseudoindoxyl Mitraciliatine Speciociliatine Speciogynine Paynantheine Corynoxine	SPECIFICATION Report Results Report Results Report Results Report Results Report Results Report Results Report Results	0.013 3.28 0.039 <loq <loq <loq< td=""><td>w/w% w/w% w/w% w/w% w/w%</td><td>0.006 0.002 0.005 0.004 0.006 0.006</td><td>N/A N/A N/A N/A N/A</td><td>Т</td></loq<></loq </loq 	w/w% w/w% w/w% w/w% w/w%	0.006 0.002 0.005 0.004 0.006 0.006	N/A N/A N/A N/A N/A	Т
<b>PARAMETER</b> Mitragynine 7-Hydroxymitragynine Mitragynine Pseudoindoxyl Mitraciliatine Speciociliatine Speciogynine Paynantheine	SPECIFICATION Report Results Report Results Report Results Report Results Report Results Report Results Report Results	0.013 3.28 0.039 <loq <loq <loq <loq< td=""><td>w/w% w/w% w/w% w/w% w/w% w/w%</td><td>0.006 0.002 0.005 0.004 0.006 0.006 0.006</td><td>N/A N/A N/A N/A N/A N/A</td><td>Т</td></loq<></loq </loq </loq 	w/w% w/w% w/w% w/w% w/w% w/w%	0.006 0.002 0.005 0.004 0.006 0.006 0.006	N/A N/A N/A N/A N/A N/A	Т
<b>PARAMETER</b> Mitragynine 7-Hydroxymitragynine Mitragynine Pseudoindoxyl Mitraciliatine Speciociliatine Speciogynine Paynantheine Corynoxine	SPECIFICATION Report Results Report Results Report Results Report Results Report Results Report Results Report Results Report Results Report Results	0.013 3.28 0.039 <loq <loq <loq <loq< td=""><td>w/w% w/w% w/w% w/w% w/w% w/w% w/w%</td><td>0.006 0.002 0.005 0.004 0.006 0.006 0.006 0.004</td><td>N/A N/A N/A N/A N/A N/A</td><td>Т</td></loq<></loq </loq </loq 	w/w% w/w% w/w% w/w% w/w% w/w% w/w%	0.006 0.002 0.005 0.004 0.006 0.006 0.006 0.004	N/A N/A N/A N/A N/A N/A	Т

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Work Order ID: ISO02964 - Sample Id: 107528 - Reco Residual Solvents: Class I (GC-MS)		Method Code	Method Code: T201		Tested: 19DEC2024   1725		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES		
1,1-Dichloroethene	NMT 8	<loq< td=""><td>ug/g</td><td>0.4</td><td>PASS</td><td></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><td></td></loq<>	ug/g	75	PASS		
Tetrachloromethane	NMT 4	<loq td="" tom<=""><td>ug/g</td><td>0.2</td><td>PASS</td><td>n.0</td></loq>	ug/g	0.2	PASS	n.0	
Benzene	NMT 2 Tes	<loq< td=""><td>ug/g</td><td>0.1 Test</td><td>PASS</td><td></td></loq<>	ug/g	0.1 Test	PASS		
1,2-Dichloroethane	NMT 5	<loq< td=""><td>ug/g</td><td>0.25</td><td>PASS</td><td></td></loq<>	ug/g	0.25	PASS		
Residual Solvents: Class II (GC-MS)		Method Code	Method Code: T201		Tested: 19DEC2024   1725		
PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES		
Methanol	NMT 3000	<loq< td=""><td>ug/g</td><td>94</td><td>PASS</td><td></td></loq<>	ug/g	94	PASS		
Acetonitrile	NMT 410	<loq< td=""><td>ug/g</td><td>10.25</td><td>PASS</td><td></td></loq<>	ug/g	10.25	PASS		
Dichloromethane	NMT 600	<loq< td=""><td>ug/g</td><td>15</td><td>PASS</td><td></td></loq<>	ug/g	15	PASS		
1,2-Dichloroethene, (E)	<b>NMT 1870</b>	<loq< td=""><td>Tesug/g</td><td>46.75</td><td>PASS</td><td>T</td></loq<>	Tesug/g	46.75	PASS	T	
1,2-Dichloroethene, (Z)	NMT 1870	<loq< td=""><td>ug/g</td><td>46.75</td><td>PASS</td><td></td></loq<>	ug/g	46.75	PASS		
Tetrahydrofuran	NMT 720	<loq< td=""><td>ug/g</td><td>18</td><td>PASS</td><td></td></loq<>	ug/g	18	PASS		
Cyclohexane	NMT 3880	<loq< td=""><td>ug/g</td><td>97</td><td>PASS</td><td></td></loq<>	ug/g	97	PASS		
Methylcyclohexane	NMT 1180	<loq< td=""><td>ug/g</td><td>29.5</td><td>PASS</td><td></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><td></td></loq<>	ug/g	9.5	PASS		
Toluene	NMT 890	<loq< td=""><td>ug/g</td><td>20</td><td>PASS</td><td></td></loq<>	ug/g	20	PASS		
Chlorobenzene Ethylbenzene	ONS NMT 360	<loq< td=""><td>orgug/g</td><td>9</td><td>PASS</td><td>n.0</td></loq<>	orgug/g	9	PASS	n.0	
Ethylbenzene	NMT 2170	+LOQ	ug/g	54.25	PASS		
o/p-Xylene	NMT 2170 Tes	<loq< td=""><td>ug/g</td><td>54.25</td><td>PASS</td><td></td></loq<>	ug/g	54.25	PASS		
m-Xylene	NMT 2170	<loq< td=""><td>ug/g</td><td>54.25</td><td>PASS</td><td></td></loq<>	ug/g	54.25	PASS		
Isopropylbenzene	NMT 70	<loq< td=""><td>ug/g</td><td>1.75</td><td>PASS</td><td></td></loq<>	ug/g	1.75	PASS		
Hexane	NMT 290	<loq< td=""><td>ug/g</td><td>7.25</td><td>PASS</td><td></td></loq<>	ug/g	7.25	PASS		
Nitromethane	NMT 50	<loq< td=""><td>ug/g</td><td>1.25</td><td>PASS</td><td></td></loq<>	ug/g	1.25	PASS		
Chloroform	NMT 60	<loq< td=""><td>ug/g</td><td>1.5</td><td>PASS</td><td></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><td></td></loq<>	ug/g	2.5	PASS		
Trichloroethene	NMT 80 00 8	<loq< td=""><td>ug/g</td><td>atomzorg</td><td>PASS</td><td></td></loq<>	ug/g	atomzorg	PASS		
Pyridine	NMT 200	<loq< td=""><td>ug/g</td><td>5</td><td>PASS</td><td>-</td></loq<>	ug/g	5	PASS	-	
2-Hexanone	NMT 50	<loq< td=""><td>ug/g</td><td>1.25</td><td>PASS</td><td>T</td></loq<>	ug/g	1.25	PASS	T	
Tetralin	NMT 100	<loq< td=""><td>ug/g</td><td>2.5</td><td>PASS</td><td></td></loq<>	ug/g	2.5	PASS		

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PARAMETER	SPECIFICATION	RESULT	UNIT	LOQ	NOTES	
Pentane	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td><td></td></loq<>	ug/g	125	PASS	
Ethanol	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td><td></td></loq<>	ug/g	125	PASS	
Diethyl Ether	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td><td></td></loq<>	ug/g	125	PASS	
Acetone	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td><td>- 6</td></loq<>	ug/g	125	PASS	- 6
Ethyl Formate	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td><td>org</td></loq<>	ug/g	125	PASS	org
Isopropanol	NMT 5000	Cost NY <loq< td=""><td>ug/g</td><td>125 st</td><td>PASS</td><td></td></loq<>	ug/g	125 st	PASS	
Methyl Acetate	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td><td></td></loq<>	ug/g	125	PASS	
Methyl tert-Butyl Ether	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td><td></td></loq<>	ug/g	125	PASS	
1-Propanol	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td><td></td></loq<>	ug/g	125	PASS	
2-Butanone	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td><td></td></loq<>	ug/g	125	PASS	
Ethyl Acetate	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td><td></td></loq<>	ug/g	125	PASS	
2-Butanol	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td><td></td></loq<>	ug/g	125	PASS	
2-Methyl-1-Propanol	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td><td></td></loq<>	ug/g	125	PASS	
Isopropyl Acetate	NMT 5000	<pre>COLOQ</pre>	ug/g	ator125rg	PASS	
Heptane	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td><td>Tost</td></loq<>	ug/g	125	PASS	Tost
1-Butanol	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td><td>162</td></loq<>	ug/g	125	PASS	162
Propyl Acetate	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td><td></td></loq<>	ug/g	125	PASS	
4-Methyl-2-Pentanone	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td><td></td></loq<>	ug/g	125	PASS	
Isoamyl Alcohol	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td><td></td></loq<>	ug/g	125	PASS	
Isobutyl Acetate	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td><td></td></loq<>	ug/g	125	PASS	
1-Pentanol	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td><td></td></loq<>	ug/g	125	PASS	
Butyl Acetate	NMT 5000	<loq< td=""><td>ug/g</td><td>125</td><td>PASS</td><td>-r0</td></loq<>	ug/g	125	PASS	-r0
Dimethylsulfoxide Anisole	NMT 5000	<loq om.<="" td=""><td>ug/g</td><td>125</td><td>PASS</td><td>.018</td></loq>	ug/g	125	PASS	.018
AnisoleTestMyKlace	NMT 5000	rest V <loq< td=""><td>ug/g</td><td>125 estN</td><td>PASS</td><td></td></loq<>	ug/g	125 estN	PASS	

## Additional Report Notes

T102 result, LOQ and unit converted from w/w% to mg/unit using a laboratory measured unit weight of 0.631 grams.

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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**



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