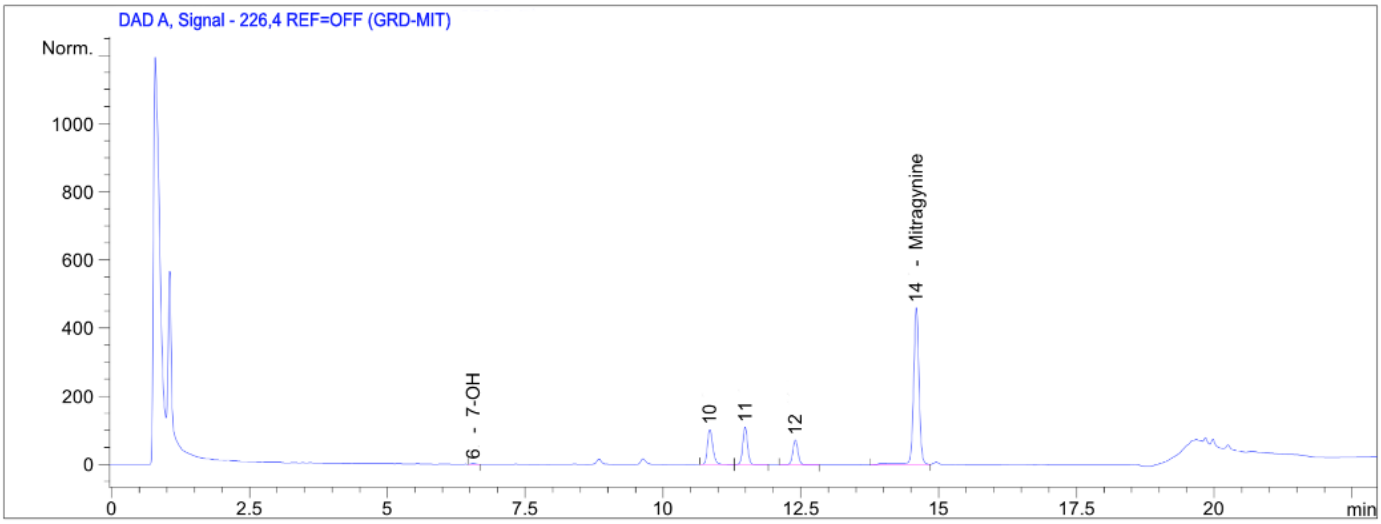
Certificate of Analysis

02 FEBRUARY 2024

RELAX POWDER / MIT / 6318.2

CLIENT:	**EMPOWERED CREATIONS**	**SAMPLE SET:**	**174070**
Sample Type:	Powder	Date Acquired:	01/30/2024
Sample Weight:	200mg	Acquisition Method:	MIT-EVO_R2023-01
Dilution:	1.0	Testing ID:	GRD-MIT_158538.D
Vial:	Vial 21	Date Processed:	02/01/2024
Injection Volume:	5.0 µl	Run Time:	27 min
Prepped By:	Sarah T.	Calibration ID:	20230105



#	Analyte	RT (min)	Area (mAU*s)	Amt (µg/mL)	Alkaloid	Total %
1	Mitragynine	14	1678	81	$C_{23}H_{30}N_2O_4$	0.81
2	7-Hydroxymitragynine	6	13	4	$C_{23}H_{30}N_2O_5$	0.04
3	Paynantheine	10	261	12	$C_{23}H_{28}N_2O_4$	0.12
4	Speciogynine	11	730	34	$C_{23}H_{30}N_2O_4$	0.34
5	Speciociliatine	12	300	14	$C_{23}H_{30}N_2O_4$	0.14
6						

Mitragynine Content: **0.81%**
ZERO PERIOD EIGHT ONE PERCENT

Adulterants (Y/N): **None Detected**

Identity Confirmed: **YES**

SEAL OF AUTHENTICITY

VERIFIED BY:

Quality Assurance: