



Pierce Chemical Company, LLC

June 24th, 2025

Type: HPLC – DAD Analysis

Equipment: Agilent Model 1260

Method: MIT.1

Peak#	Ret Time	Type	Width [Min]	Area [mAU*s]	Area%	Name
1	2.067	BV	0.1249	112.197	4.8223	N/A
2	2.272	VV	0.1057	155.966	6.7034	N/A
3	2.374	VB	0.0666	52.1395	2.2410	N/A
4	2.611	BB	0.0614	1234.49	53.058	7-Hydroxymitragynine
5	2.896	BV	0.0659	194.969	8.3681	Speciociliatine
6	3.001	VB	0.0811	106.406	4.5734	Speciogynine
7	3.436	BB	0.0732	225.994	9.7133	N/A
8	3.883	BV	0.0860	29.2883	1.2588	Paynantheine
9	4.727	BV R	0.0908	102.502	4.4056	Mitragynine
10	4.959	VB E	0.1035	8.60581	0.3699	Mitraphyline

HPLC 1260 6/24/2025 9:16:02 AM SYSTEM

SAMPLE NAME: 0.471 6.23 MATT1

Appearance: Orange Crystalline Substance

Date of Manufacture: June 23rd, 2025

Name: Matthew Pierce

Title: Laboratory Director

Date: 06/24/25



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Signature:

A handwritten signature in black ink, appearing to read "Matt Rine". The signature is written in a cursive, stylized font.