



Certificate of Analysis for

bigtree BV
Karveelweg 30
Maastricht, 6222NH

Received: 12/12/2025 @ 20.1 °C
Report ID: 2512663

Sample ID: 2512663-002 XRELEAF Liquid Mitragynine Enhanced Extract - 76S79105XRLF

**MIT.2: Kratom Alkaloids by HPLC-UV via AOAC 2017.14
(Modified) Analyzed 12/15/25**

7-Hydroxymitragynine	< 1.76	mg/mL	Isorhynchophylline	< 4.39	mg/mL
Mitragynine	91.3	mg/mL	Mitraphylline	< 4.39	mg/mL
Paynantheine	3.05	mg/mL	Speciociliatine	< 0.878	mg/mL
Speciogynine	1.82	mg/mL	Total Alkaloids	96.6	mg/mL

Reported By Jake S Hedges, Chemistry Laboratory Supervisor, 12/17/2025