



# Certificate of Analysis for

bigtree BV  
Karveelweg 30  
Maastricht, 6222NH

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

**Sample ID:** 2512663-001 XRELEAF Liquid Full Spectrum Extract - 76S79104XRLF

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

7-Hydroxymitragynine	< 1.79	mg/mL	Isorhynchophylline	< 4.48	mg/mL
Mitragynine	90.5	mg/mL	Mitraphylline	< 4.48	mg/mL
Paynantheine	11.2	mg/mL	Speciociliatine	4.35	mg/mL
Speciogynine	6.19	mg/mL	Total Alkaloids	112	mg/mL

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