

# HPLC Application

ID No.: 23875

## Mitragynine and 7-Hydroxy (7-OH) Mitragynine from Raw Materials by HPLC-UV using Kinetex EVO 5 $\mu$

**Column:** Kinetex<sup>®</sup> 5 $\mu$ m EVO C18 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4633-E0

**Elution Type:** Gradient

**Eluent A:** 5.0 mM Ammonium bicarbonate (pH 9.50)

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	70	30
	2	17	30	70
	3	17.9	30	70
	4	18	70	30

**Flow Rate:** 1.5 mL/min

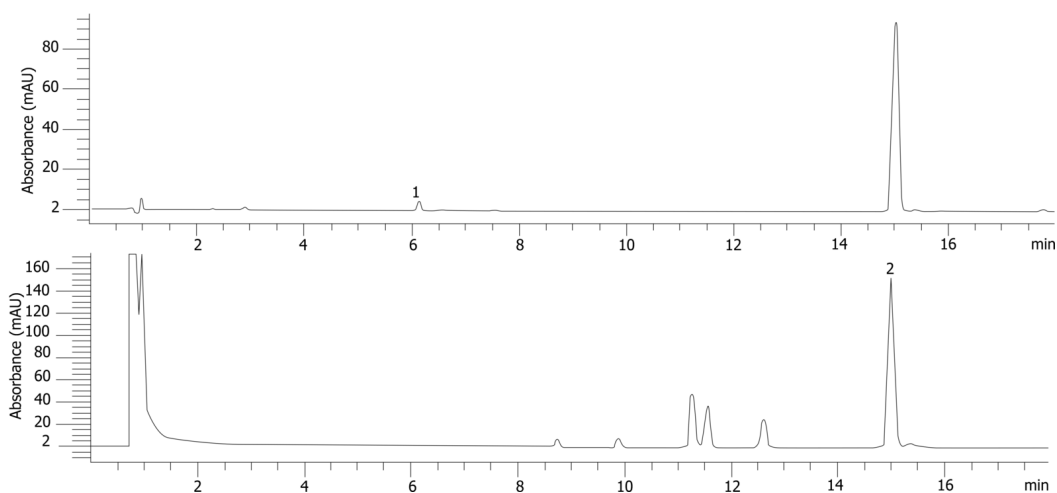
**Col. Temp.:** 25 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 226 nm (ambient)

23875



Products used in this application:



### ANALYTES:

- 1 7-OH Mitragynine
- 2 Mitragynine

