

## CERTIFICATE OF ANALYSIS

*For Laboratory Use Only*

**Product name**  
**Other names**

Mitragynine  
9-Methoxycorynantheidine;  
Corynan-16-carboxylic acid;  
Mitraginin (INA)

**CAS**

4098-40-2

**Catalog No.**

ALK-3-5 | ALK-3-10

**Formula**

$C_{23}H_{30}N_2O_4$

**Molecular mass**

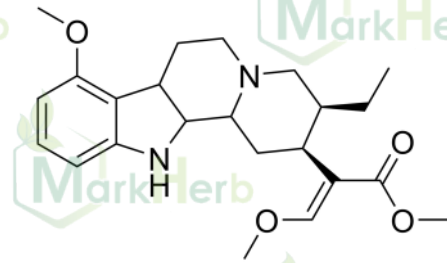
398.5 g/mol

**Date of sample**

08/05/2021

**Date of report**

08/05/2021



Structure

### ANALYTICAL RESULTS

Test	Method	Specification	Result
Appearance	NA	Yellow, powder	Yellow, powder
Purity	HPLC-UV	> 90%	97.88%
UV spectrum	UV Spectroscopy	NA	NA
Mass spectrum	LC-MS/MS	NA	NA
NMR	$^1H$ -NMR	Conforms	Conforms

NA, not available

### STORAGE CONDITIONS

**Storage** Refrigerator 2 to 8 °C  
**Transport** Room temperature

Digitally signed by  
Andi Rifki Rosandy, Ph.D  
Date: 10.05.2021  
Bandung - Indonesia