

## CERTIFICATE OF ANALYSIS

*For Laboratory Use Only*

**Product name**

**Other names**

Ferulic acid  
 (E)-3-(4-hydroxy-3-methoxyphenyl)prop-2-enoic acid;  
 trans-Ferulic Acid; Coniferic acid; 3-(4-hydroxy-3-methoxyphenyl)prop-2-enoic acid; 4-Hydroxy-3-methoxycinnamate; 4-Hydroxy-3-methoxycinnamate; Asam Ferulat (INA)

**CAS**

**Catalog No.**

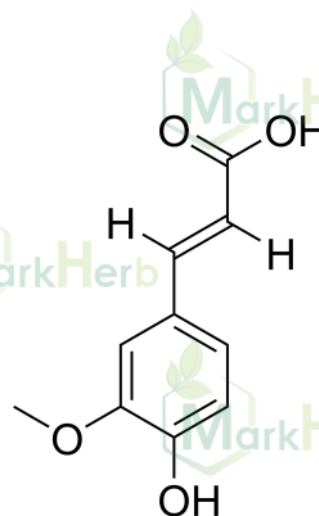
**Formula**

**Molecular mass**

**Date of sample**

**Date of report**

537-98-4  
 PHE-9-100  
 $C_{10}H_{10}O_4$   
 194,18 g/mol  
 25/11/2019  
 25/11/2019



**Structure**

### ANALYTICAL RESULTS

Test	Method	Specification	Result
Appearance	NA	White to yellow, powder	White to yellow, powder
Purity	HPLC-UV	> 90%	99.27%
UV spectrum	UV Spectroscopy	NA	NA
Mass spectrum	LC-MS/MS	NA	NA
NMR	$^1H$ -NMR, $^{13}C$ -NMR	NA	NA

NA, not available

### STORAGE CONDITIONS

**Storage**

Room temperature in a dry place, keep away from direct light

**Transport**

Room temperature

Digitally signed by

Dr. rer.nat. Agus Chahyadi

Date: 25.11.2019

Bandung - Indonesia