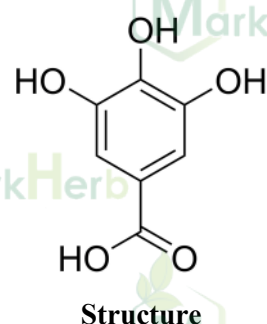


## CERTIFICATE OF ANALYSIS

*For Laboratory Use Only*

**Product name** Gallic acid  
**Other names** 3,4,5-Trihydroxybenzoic acid; asam galat (INA)  
**CAS** 149-91-7  
**Catalog No.** PHE-1-1000  
**Formula** C<sub>7</sub>H<sub>6</sub>O<sub>5</sub>  
**Molecular mass** 170,12 g/mol  
**Date of sample** 04/10/2019  
**Date of report** 04/10/2019



### ANALYTICAL RESULTS

Test	Method	Specification	Result
Appearance	NA	White, powder	White, powder
Purity	HPLC-UV	> 99%	99.31%
UV spectrum	UV Spectroscopy	NA	NA
Mass spectrum	LC-MS/MS	NA	NA
NMR	<sup>1</sup> H-NMR, <sup>13</sup> 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: 05.10.2019  
Bandung - Indonesia