

## CERTIFICATE OF ANALYSIS

*For Laboratory Use Only*

**Product name**

**Other names**

Epigallocatechin gallate  
 (2R,3R)-5,7-Dihydroxy-2-(3,4,5-  
 trihydroxyphenyl)chroman-3-yl  
 3,4,5-trihydroxybenzoate; (-)-  
 Epigallocatechin gallate;  
 Epigallocatechin-3-gallate;  
 Epigallocatechin-3-monogallate; (-)-  
 Epigallocatechin-3-o-gallate;  
 Epigallocate; Epigallic acid;  
 Epigalocatekin galat (INA)

**CAS**

989-51-5

**Catalog No.**

FLV-34-5

**Formula**

C<sub>22</sub>H<sub>18</sub>O<sub>11</sub>

**Molecular mass**

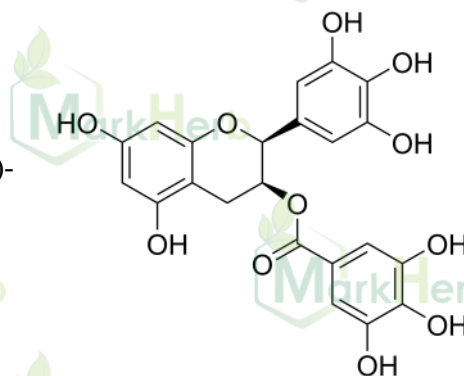
458.4 g/mol

**Date of sample**

31/03/2022

**Date of report**

08/04/2022



**Structure**

### ANALYTICAL RESULTS

Test	Method	Specification	Result
Appearance	NA	Powder	Powder
Purity	UPLC-PDA	> 90%	91.58%
UV spectrum	UPLC-PDA	213 nm, 274 nm	213 nm, 274 nm
Mass spectrum	UPLC-TQD MS	Conforms	Conforms
NMR	<sup>1</sup> H-NMR, <sup>13</sup> C-NMR	NA	NA

NA, not available

### STORAGE CONDITIONS

**Storage** Refrigerator 2 to 8 °C

**Transport** Room temperature

Digitally signed by  
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 Date: 08.04.2022  
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