Certificate of Analysis

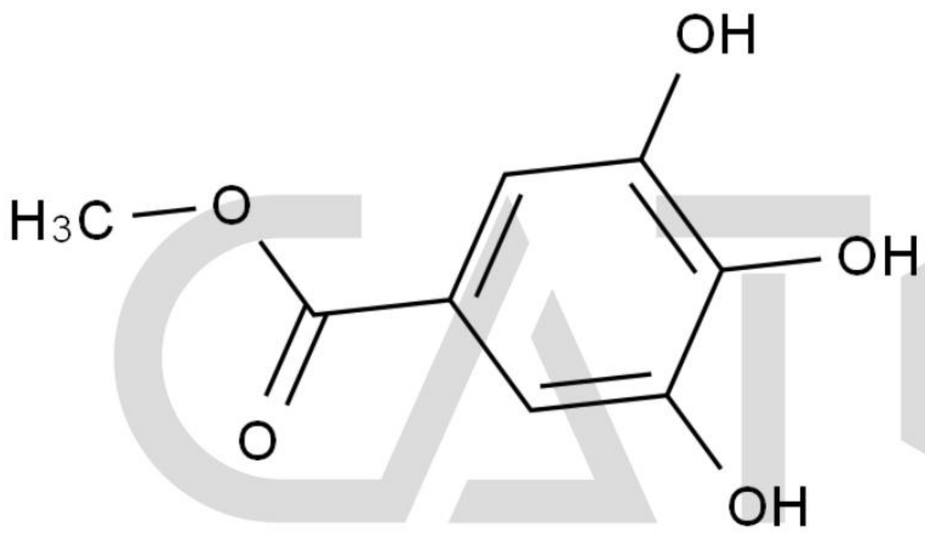
Reference Material & Standard

Product Name:	Methyl Gallate	**Catalogue Number:**	CCFD201013
Synonyms:	N/A	**Lot Number:**	0512-RD-0006
CAS Number:	99-24-1	**Expiry Date:**	Nov 18, 2029
Molecular Formula:	$C_8H_8O_5$	**Storage:**	Room Temp Protected from light and Sealed
Molecular Weight:	184.15	**Shipping Condition:**	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.149%
Loss on Drying	TGA	0.1802%
Assay		95.0%
Uncertainty		±0.9%

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Comment:

1. The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Loss on Drying) * Purity HPLC (%) /100%*
Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by: Lisa — Date: Nov 19, 2025

Reviewed by: Hinlam — Date: Nov 20, 2025

Approved by General Manager: David — Date: Nov 20, 2025

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