

## Certificate of Analysis

Date of Testing: 2025-08-11 11:36:33  
Date of Next Testing: 2029-08-10 11:36:33  
Product Name: **Gallic acid monohydrate**  
CAS Number: 5995-86-8  
Specifications & Purity:  $\geq 98\%$ , White Powder  
Lot #: H2508008  
SKU #: **G104228**  
Version: **2**  
Analysis #: **254128**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Ignition Residue	0-0.05 (%)	0.00 %
Loss on drying	0-10 (%)	6.71 %
Purity(Neutralization titration) (after drying)	97.5-102.5 (%)	101.52 %
Insoluble matter in H <sub>2</sub> O	0-0.01 (%)	0.00 %
Purity(HPLC)	98-100 (%)	99.72500 %
Melting point	250-254 (°C)	253.99000 °C
Appearance (G104228)	white powder	White powder
Solubility in hot H <sub>2</sub> O , very faint turbidity	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager