

## Certificate of Analysis

Date of Testing: 2023-06-28 18:09:44  
Date of Next Testing: 2027-06-27 18:09:44  
Product Name: **Gallic acid monohydrate**  
CAS Number: 5995-86-8  
Specifications & Purity: 98%  
Lot #: F2325046  
SKU #: **G597655**  
**Analysis:** **245976**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	250-254 (°C)	253.19000 °C
Ignition Residue	0-0.05 (%)	0.04 %
Loss on drying	0-10 (%)	9.86 %
Purity(Neutralization titration) (after drying)	97.5-102.5 (%)	99.90 %
Insoluble matter in H2O	0-0.01 (%)	0.00 %
Purity(HPLC area)	98-100 (%)	99.35 %
Appearance(G597655)	white to off-white to beige powder to crystal	white to off-white to beige powder to crystal
Solubility in hot H2O,very faint turbidity pass	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager