

Certificate of Analysis

Date of Testing: 2023-06-30 17:44:45
Date of Next Testing: 2027-06-29 17:44:45
Product Name: **Gallic acid monohydrate**
CAS Number: 5995-86-8
Specifications & Purity: 98%
Lot #: F2316918
SKU #: **G597655**
Analysis: 246579
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	250-254 (°C)	253.56000 °C
Ignition Residue	0-0.05 (%)	0.00 %
Loss on drying	0-10 (%)	5.01 %
Purity(Neutralization titration) (after drying)	97.5-102.5 (%)	99.96 %
Insoluble matter in H2O	0-0.01 (%)	0.01 %
Purity(HPLC area)	98-100 (%)	99.72 %
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