

Certificate of Analysis

Date of Testing: 2023-02-13 18:49:40
Date of Next Testing: 2027-02-12 18:49:40
Product Name: **Gallic acid monohydrate**
CAS Number: 5995-86-8
Specifications & Purity: 98% , White Powder
Lot #: B2308587
SKU #: **G104228**
Analysis: 160338
Storage Temperature: Argon charged

Parameter	Limit Values	Result
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)	98-100 (%)	99.35000 %
Melting point	250-254 (°C)	253.19000 °C
Ignition Residue	0-0.05 (%)	0.04 %
Solubility in hot H2O , very faint turbidity	pass	Pass
Appearance (G104228)	White to Off-White to Beige powder to crystal	white to off-white to beige powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager