

Certificate of Analysis

Date of Testing: 2023-10-16 19:09:33
Date of Next Testing: 2027-10-15 19:09:33
Product Name: **Gallic acid monohydrate**
CAS Number: 5995-86-8
Specifications & Purity: 98% , White Powder
Lot #: J2307188
SKU #: **G104228**
Analysis: **276038**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Ignition Residue	0-0.05 (%)	0.00 %
Loss on drying	0-10 (%)	9.73 %
Purity(Neutralization titration) (after drying)	97.5-102.5 (%)	99.80 %
Insoluble matter in H2O	0-0.01 (%)	0.01 %
Purity(HPLC)	98-100 (%)	99.57900 %
Melting point	250-254 (°C)	253.58000 °C
Appearance (G104228)	white powder	White powder
Solubility in hot H2O , very faint turbidity	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager