

## Certificate of Analysis

Date of Testing: 2023-08-02 18:53:01  
Date of Next Testing: 2027-08-01 18:53:01  
Product Name: **Gallic acid monohydrate**  
CAS Number: 5995-86-8  
Specifications & Purity: 98% , White Powder  
Lot #: H2301513  
SKU #: **G104228**  
**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 H2O	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 H2O , very faint turbidity	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager