

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-09 18:15:42

Date of Next Testing: 2029-12-08 18:15:42

Product Name: **Gallic acid monohydrate**

CAS Number: 5995-86-8

Specifications & Purity: $\geq 98\%$, White Powder

Lot #: L2505006

SKU #: **G104228**

Version: **3**

Analysis #: **283918**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Ignition Residue	0-0.05 (%)	0.00000 %
Loss on drying	0-10 (%)	9.88554 %
Purity(Neutralization titration) (after drying)	97.5-102.5 (%)	99.85500 %
Insoluble matter in H2O	0-0.01 (%)	0.01000 %
Purity(HPLC)	98-100 (%)	99.68900 %
Melting point	250-254 (°C)	253.85000 °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