

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-06-29 10:53:34
Date of Next Testing:	2027-06-28 10:53:34
Product Name:	Gallic acid monohydrate
CAS Number:	5995-86-8
Specifications & Purity:	98%
Lot #:	F2325028
SKU #	G597655
Analysis:	245936
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Melting point	250-254 (°C)	253.98000 °C
Ignition Residue	0-0.05 (%)	0.00 %
Loss on drying	0-10 (%)	8.30 %
Purity(Neutralization titration) (after drying)	97.5-102.5 (%)	99.20 %
Insoluble matter in H2O	0-0.01 (%)	0.00 %
Purity(HPLC area)	98-100 (%)	98.73 %
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