

Certificate of Analysis

Date of Testing: 2025-05-08 13:37:32
Date of Next Testing: 2027-05-08 13:37:32
Product Name: **Gallic acid**
CAS Number: 149-91-7
Specifications & Purity: Moligand™, ≥99%
Lot #: D2525180
SKU #: **G131992**
Version: **1**
Analysis #: **478978**
Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Loss on drying	0-1 (%)	0.08 %
Purity(HPLC)	99-100 (%)	99.71700 %
Purity (Titration by NaOH)(anhydrous)	98.5-101.5 (%)	99.26 %
Appearance (G131992)	white to beige powder	white to beige powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Colorless to Yellow, Clear to Slightly Hazy, 50mg/ml	pass	Pass
Solubility in H2O , very faint turbidity	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager