

## Certificate of Analysis

Date of Testing: 2022-02-21 15:56:31  
Date of Next Testing: 2024-02-21 15:56:31  
Product Name: **Gallic acid**  
CAS Number: 149-91-7  
Specifications & Purity: 99%  
Lot #: B2218027  
SKU #: **G131992**  
**Analysis:** **005190**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Loss on drying	0-1 (%)	0.03 %
Purity (Titration by NaOH)(anhydrous)	98.5-101.5 (%)	98.50 %
Purity(HPLC)	99-100 (%)	99.22930 %
Appearance (G131992)	white to beige powder	white to beige powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
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



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QA & QC Manager