

Certificate of Analysis

Date of Testing: 2023-02-06 20:41:01
Date of Next Testing: 2025-02-05 20:41:01
Product Name: **Gallic acid**
CAS Number: 149-91-7
Specifications & Purity: 99%
Lot #: B2303912
SKU #: **G131992**
Analysis: **184023**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Loss on drying | 0-1 (%) | 0.14 % |
| Purity (Titration by NaOH)(anhydrous) | 98.5-101.5 (%) | 99.82 % |
| Purity(HPLC) | 99-100 (%) | 99.64700 % |
| 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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