

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-18 15:25:14

Date of Next Testing: 2029-09-17 15:25:14

Product Name: **Propyl gallate**

CAS Number: 121-79-9

Specifications & Purity:  $\geq 98\%$

Lot #: L2107269

SKU #: **P108603**

Version: **1**

Analysis #: **573635**

Storage Temperature: Protected from light, Desiccated

| Parameter                                                     | Limit Values              | Result                    |
|---------------------------------------------------------------|---------------------------|---------------------------|
| Purity(HPLC)                                                  | 98-100 (%)                | 98.75500 %                |
| Purity(Neutralization titration)                              | 97.5-102.5 (%)            | 99.50 %                   |
| Melting point                                                 | 146-150 (°C)              | 148.28600 °C              |
| Loss on drying                                                | 0-1 (%)                   | 0.03 %                    |
| Appearance (P108603)                                          | White to Off-White Powder | White to Off-White Powder |
| Solubility in EtOH , Colorless to Pale Yellow Clear(50 mg/ml) | pass                      | Pass                      |
| Proton NMR spectrum                                           | Conforms to Structure     | Conforms to Structure     |



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QA & QC Manager