

## Certificate of Analysis

Date of Testing: 2022-12-14 13:20:41  
Date of Next Testing: 2026-12-13 13:20:41  
Product Name: **4-Nitroguaiacol**  
CAS Number: 3251-56-7  
Specifications & Purity: >98.0%  
Lot #: L2209916  
SKU #: **N159820**  
Analysis: **159775**

| Parameter            | Limit Values              | Result                    |
|----------------------|---------------------------|---------------------------|
| Purity(HPLC)         | 98-100 (%)                | 98.66000 %                |
| Melting point        | 101-105 (°C)              | 101.90000 °C              |
| Appearance (N159820) | yellow powder or crystals | yellow powder or crystals |
| Proton NMR spectrum  | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager