

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-01 11:12:22  
 Date of Next Testing: 2025-06-30 11:12:22  
 Product Name: **4-Nitrocatechol**  
 CAS Number: 3316-09-4  
 Specifications & Purity:  $\geq 98\%$ (GC)(T)  
 Lot #: F2325546  
 SKU #: **D138939**  
 Version: **0**  
 Analysis #: **097970**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                        | Limit Values                       | Result                             |
|----------------------------------|------------------------------------|------------------------------------|
| Purity(HPLC)                     | 98-100 (%)                         | 99.48700 %                         |
| Purity(Neutralization titration) | 97.5-102.5 (%)                     | 99.58000 %                         |
| Infrared spectrum                | Conforms to Structure              | Conforms to Structure              |
| Proton NMR spectrum              | Conforms to Structure              | Conforms to Structure              |
| Solubility in MeOH               | almost transparency                | almost transparency                |
| Appearance (D138939)             | Yellow to Beige Powder or Crystals | Yellow to Beige Powder or Crystals |



John Su  
 QA & QC Manager