

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-14 13:05:27  
 Date of Next Testing: 2026-12-04 13:05:27  
 Product Name: **Hydroquinone**  
 CAS Number: 123-31-9  
 Specifications & Purity:  $\geq 99\%$ (HPLC)  
 Lot #: L2411685  
 SKU #: **H108947**  
 Version: **0**  
 Analysis #: **441930**  
 Storage Temperature: Protected from light, Room temperature

| Parameter                                        | Limit Values                                   | Result                                         |
|--------------------------------------------------|------------------------------------------------|------------------------------------------------|
| Melting point                                    | 171-175 (°C)                                   | 174.75000 °C                                   |
| Purity(HPLC)                                     | 99-100 (%)                                     | 99.89700 %                                     |
| Ignition Residue (as sulfate)                    | 0-0.02 (%)                                     | 0.01000 %                                      |
| Catechole                                        | 0-0.3 (%)                                      | 0.12000 %                                      |
| Appearance (H108947)                             | white to off-white powder or crystal or flakes | white to off-white powder or crystal or flakes |
| Solubility in H <sub>2</sub> O , clear (50mg/ml) | pass                                           | Pass                                           |
| Infrared spectrum                                | Conforms to Structure                          | Conforms to Structure                          |



John Su  
QA & QC Manager