

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-20 15:42:56  
 Date of Next Testing: 2026-03-19 15:42:56  
 Product Name: **N-Benzoyl-N-phenylhydroxylamine**  
 CAS Number: 304-88-1  
 Specifications & Purity: AR, ≥98%  
 Lot #: C2218099  
 SKU #: **B108480**  
 Version: **0**  
 Analysis #: **071980**  
 Storage Temperature: Store at 2-8°C

| Parameter                                                                 | Limit Values                                 | Result                                       |
|---------------------------------------------------------------------------|----------------------------------------------|----------------------------------------------|
| Ignition Residue (as sulfate)                                             | 0-0.1 (%)                                    | 0.03600 %                                    |
| Purity(HPLC)                                                              | 98-100 (%)                                   | 98.07500 %                                   |
| Melting point                                                             | 120.5-122 (°C)                               | 120.52000 °C                                 |
| Proton NMR spectrum                                                       | Conforms to Structure                        | Conforms to Structure                        |
| Solubility in CHCL <sub>3</sub> , Colorless to Light Yellow,Clear,25mg/ml | pass                                         | Pass                                         |
| Suitability for vanadium-analysis                                         | pass                                         | Pass                                         |
| Appearance (B108480)                                                      | White to Off-White Powder or Solid or Chunks | White to Off-White Powder or Solid or Chunks |



John Su  
QA & QC Manager