

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-22 22:45:31  
Date of Next Testing: 2026-02-21 22:45:31  
Product Name: **N4,N4'-Bis(4-methoxyphenyl)biphenyl-4,4'-diamine**  
CAS Number: 59131-00-9  
Specifications & Purity: >98%(HPLC)  
Lot #: B2316539  
SKU #: **N290591**  
**Analysis: 150033**  
Storage Temperature: Argon charged

| Parameter           | Limit Values                                    | Result  |
|---------------------|---|---|
| Purity(HPLC)        | 98-100 (%)                                      | 99.04100%                                       |
| Appearance(N290591) | White to Amber to Dark purple powder to crystal | White to Amber to Dark purple powder to crystal |
| Proton NMR spectrum | Conforms to structure                           | Conforms to Structure                           |



John Su  
QA & QC Manager