

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-02 12:41:00

Date of Next Testing: 2027-02-01 12:41:00

Product Name: **4-Amino-4'-nitrobiphenyl**

CAS Number: 1211-40-1

Specifications & Purity: 95%

Lot #: A2331200

SKU #: **A151491**

**Analysis:** **140413**

| Parameter            | Limit Values                                    | Result                                          |
|----------------------|-------------------------------------------------|-------------------------------------------------|
| Melting point        | 200-205 (°C)                                    | 200.44000 °C                                    |
| Purity(HPLC)         | 95-100 (%)                                      | 96.35000 %                                      |
| Appearance (A151491) | Yellow to Brown to orange-red powder to crystal | Yellow to Brown to orange-red powder to crystal |
| Proton NMR spectrum  | Conforms to Structure                           | Conforms to Structure                           |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager