

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-18 10:07:21  
Date of Next Testing: 2026-09-18 10:07:21  
Product Name: **4-Nitrodiphenylamine**  
CAS Number: 836-30-6  
Specifications & Purity: 98%  
Lot #: K2222577  
SKU #: **N133610**  
Version: **1**  
Analysis #: **411896**

| Parameter                      | Limit Values   | Result   |
|--------------------------------|--|--|
| Nitrogen by Elemental Analysis | 12.8-13.4 (%)  | 12.81 %  |
| Purity(HPLC)                   | 98-100 (%)   | 99.44000 %   |
| Carbon by Elemental Analysis   | 66.3-68.3 (%)  | 67.07 %  |
| Appearance (N133610)           | Yellow to Orange to Gold-Brown to Brown Powder or Crystals or Crystalline Powder | Yellow to Orange to Gold-Brown to Brown Powder or Crystals or Crystalline Powder |
| Proton NMR spectrum            | Conforms to structure  | Conforms to Structure  |



John Su  
QA & QC Manager