

Certificate of Analysis

Date of Testing: 2023-02-16 18:25:42
Date of Next Testing: 2027-02-15 18:25:42
Product Name: **N,N'-Di-2-naphthyl-1,4-phenylenediamine**
CAS Number: 93-46-9
Specifications & Purity: 96%
Lot #: B2308690
SKU #: **D121460**
Analysis: **164922**

| Parameter | Limit Values | Result |
|--------------------------------|-----------------------|-----------------------|
| Carbon by Elemental Analysis | 82.9-86.8 (%) | 85.98% |
| Nitrogen by Elemental Analysis | 7.3-8 (%) | 7.64% |
| Purity(HPLC) | 96-100 (%) | 97.91800% |
| Appearance (D121460) | White to Grey Powder | White to Grey Powder |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager