

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-17 21:32:55
Date of Next Testing: 2028-02-16 21:32:55
Product Name: **N,N-Diethyl-p-phenylenediamine**
CAS Number: 93-05-0
Specifications & Purity: >98.0%(GC)
Lot #: B2309286
SKU #: **D140064**
Version: **0**
Analysis #: **189505**
Storage Temperature: Store at -20°C, Argon charged

| Parameter | Limit Values | Result |
|-----------------------------|-------------------------------------|-------------------------------------|
| Purity(GC) | 98-100 (%) | 98.37 % |
| Purity(NonaqueousTitration) | 97.5-102.5 (%) | 99.40 % |
| Appearance (D140064) | Dark Brown to Black Solid or Liquid | Dark Brown to Black Solid or Liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager