

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-17 13:51:02  
Date of Next Testing: 2028-02-16 13:51:02  
Product Name: **N,N-Diethyl-p-phenylenediamine**  
CAS Number: 93-05-0  
Specifications & Purity: >98.0%(GC)  
Lot #: B2309284  
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