

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-09 16:39:02  
Date of Next Testing: 2028-10-08 16:39:02  
Product Name: **p-Nitrotoluene Standard**  
CAS Number: 99-99-0  
Specifications & Purity:  $\geq 99\%$   
Lot #: I2423657  
SKU #: **N104645**  
Version: **0**  
Analysis #: **106669**

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.20%
Melting point	51-55 (°C)	54.70000 °C
Carbon by Elemental Analysis	60.4-62.2 (%)	61.13%
Nitrogen by Elemental Analysis	9.9-10.5 (%)	9.91%
Appearance (N104645)	yellow crystals	yellow crystals
Solubility in MeOH	almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager