

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-04 10:18:00

Date of Next Testing: 2028-12-03 10:18:00

Product Name: **N,N,N',N'-Tetraphenyl-1,4-phenylenediamine**

CAS Number: 14118-16-2

Specifications & Purity: $\geq 98\%$

Lot #: K2428465

SKU #: **N159580**

Version: **1**

Analysis #: **350831**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	201-205 (°C)	202.50000 °C
Purity(HPLC)	98-100 (%)	99.90000 %
Appearance (N159580)	white to tan powder,crystals and/or chunks	white to tan powder,crystals and/or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager