

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-19 16:18:54

Date of Next Testing: 2027-12-18 16:18:54

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

CAS Number: 14118-16-2

Specifications & Purity: >98.0%

Lot #: B2026104

SKU #: **N159580**

Analysis: **306387**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.89500 %
Melting point	201-205 (°C)	203.32000 °C
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