

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-17 16:14:43
 Date of Next Testing: 2026-09-16 16:14:43
 Product Name: **4,5-Dimethyl-1,2-phenylenediamine**
 CAS Number: 3171-45-7
 Specifications & Purity: $\geq 98\%$ (HPLC)
 Lot #: I2208719
 SKU #: **D154783**
 Version: **0**
 Analysis #: **107504**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	125-128 (°C)	127.52000 °C
Purity(Titration by HClO ₄)	97.5-102.5 (%)	101.20000 %
Purity(HPLC)	98-100 (%)	99.40400 %
Appearance (D154783)	Yellow to Orange to Brown Powder, Crystals, Chunks	Yellow to Orange to Brown Powder, Crystals, Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager