

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-14 13:26:02
 Date of Next Testing: 2029-10-13 13:26:02
 Product Name: **N,N'-Di-sec-butyl-p-phenylenediamine**
 CAS Number: 101-96-2
 Specifications & Purity: $\geq 96\%$
 Lot #: L2122155
 SKU #: **D111086**
 Version: **0**
 Analysis #: **586526**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Ash	0-0.2 (%)	0.11200 %
Refractive index n ₂₀ /D	1.533-1.539	1.53600
Density (20°C)	0.939-0.944	0.94000
Purity(GC)	96-100 (%)	97.29000 %
Appearance (D111086)	Red to brown liquid	Red to brown liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager