

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-09 15:25:20

Date of Next Testing: 2027-05-09 15:25:20

Product Name: 4-(5-Chloro-2-pyridylazo)-1,3-phenylenediamine [for Colorimetric Analysis of Co, Cd]

CAS Number: 33006-91-6

Specifications & Purity: $\geq 99\%$ (T)

Lot #: E2506112

SKU #: C138681

Version: 2

Analysis #: 510110

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.10000 %
Molar extinction coefficient(Co complex)(568.0 to 571.0 nm)	≥ 100000	100000.00000
Purity(Nonaqueous Titration)	98.5-101.5 (%)	99.20000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(C138681)	Yellowish to Orange to Amber to Dark Red Powder to Crystal or Solid	Yellowish to Orange to Amber to Dark Red Powder to Crystal or Solid



John Su
QA & QC Manager