

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-22 14:18:24

Date of Next Testing: 2024-09-21 14:18:24

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 #: L2008049

SKU #: C138681

Version: 2

Analysis #: 138741

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.45800 %
Molar extinction coefficient(Co complex)(568.0 to 571.0 nm)	≥ 100000	142745.60000
Purity(Nonaqueous Titration)	98.5-101.5 (%)	99.18500 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager