

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-16 14:45:58
Date of Next Testing: 2026-12-15 14:45:58
Product Name: **4,5-Methylenedioxy-1,2-phenylenediamine dihydrochloride**
CAS Number: 81864-15-5
Specifications & Purity: Fluorogenic reagent ,≥95.0% (HPLC)
Lot #: L2206802
SKU #: **M121480**
Analysis: 148376
Storage Temperature: Store at -20°C,Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	36.4-38.3 (%)	37.28 %
Purity(HPLC)	95-100 (%)	96.54600 %
Nitrogen by Elemental Analysis	12-12.8 (%)	12.29 %
Appearance (M121480)	White to purplish red powder	White to purplish red powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility,Colorless to faint yellow,clear(50 mg/mL, H2O)	pass	Pass



John Su
QA & QC Manager