

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-26 14:09:07
 Date of Next Testing: 2024-03-25 14:09:07
 Product Name: **3 , 5-Diaminobenzoic acid dihydrochloride**
 CAS Number: 618-56-4
 Specifications & Purity: ≥98%
 Lot #: C2218566
 SKU #: **D135862**
 Version: **2**
 Analysis #: **068607**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.39600 %
Carbon by Elemental Analysis	36.7-37.9 (%)	36.72000 %
Nitrogen by Elemental Analysis	12.2-12.6 (%)	12.46000 %
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	98.65000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Miscellaneous Assay	pass	Pass
Solubility in H ₂ O, Colorless to yellow in gray clear solution(50 mg/mL)	Pass	Pass
Appearance (D135862)	White to Light yellow to Light orange to gray powder to crystal	White to Light yellow to Light orange to gray powder to crystal



John Su
QA & QC Manager