

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-15 13:36:32
 Date of Next Testing: 2028-01-14 13:36:32
 Product Name: **2,5-Dimethylphenylhydrazine hydrochloride**
 CAS Number: 56737-78-1
 Specifications & Purity: $\geq 98\%$
 Lot #: A2411352
 SKU #: **D102568**
 Version: **2**
 Analysis #: **298528**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	53.7-57.6 (%)	55.82000 %
Melting point	205-211 (°C)	207.88000 °C
Nitrogen by Elemental Analysis	15.6-16.8 (%)	15.93000 %
Purity (Argentmetric Titration)	97.5-102.5 (%)	102.47000 %
Appearance (D102568)	White to Pink to Red to Purple to brown powder or Crystals	White to Pink to Red to Purple to brown powder or Crystals
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager