

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2026-03-20 14:57:14
Date of Next Testing: 2030-03-19 14:57:14
Product Name: **2,5-Dimethylphenylhydrazine hydrochloride**
CAS Number: 56737-78-1
Specifications & Purity: $\geq 98\%$
Lot #: E2231109
SKU #: **D102568**
Version: **2**
Analysis #: **673104**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	53.7-57.6 (%)	55.59800 %
Melting point	205-211 (°C)	209.88700 °C
Nitrogen by Elemental Analysis	15.6-16.8 (%)	16.19900 %
Purity (Argentmetric Titration)	97.5-102.5 (%)	102.28800 %
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

