

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-28 11:17:02
 Date of Next Testing: 2026-07-27 11:17:02
 Product Name: **N,N-Diethyl-1,3-propanediamine Dihydrochloride**
 CAS Number: 99310-71-1
 Specifications & Purity: $\geq 98\%$
 Lot #: G2319683
 SKU #: **N404371**
 Version: **1**
 Analysis #: **213866**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	125-135 (°C)	129.79000 °C
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	101.87000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(N404371)	White to Light yellow powder to crystal	White to Light yellow powder to crystal



John Su
QA & QC Manager