

## Certificate of Analysis

Date of Testing: 2023-12-12 14:39:25  
Date of Next Testing: 2024-12-11 14:39:25  
Product Name: **N-(3-Dimethylaminopropyl)-N'-ethylcarbodiimide hydrochloride**  
CAS Number: 25952-53-8  
Specifications & Purity: 98%  
Lot #: F2214004  
SKU #: **E106172**  
**Analysis:** **303498**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Melting point	110-115 (°C)	111.30000 °C
Purity (Argentometric Titration)	98-100 (%)	99.38 %
Water by Karl Fischer	0-1.5 (%)	0.68 %
Solubility in H <sub>2</sub> O , Colorless to Very Faint Yellow , Clear, 100 mg/mL	pass	Pass
Appearance (E106172)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager