

## Certificate of Analysis

Date of Testing: 2022-12-29 16:20:51  
Date of Next Testing: 2023-12-29 16:20:51  
Product Name: **N-(3-Dimethylaminopropyl)-N'-ethylcarbodiimide hydrochloride**  
CAS Number: 25952-53-8  
Specifications & Purity: 98%  
Lot #: L2128245  
SKU #: **E106172**  
**Analysis:** **172532**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Melting point	110-115 (°C)	114.56000 °C
Purity (Argentometric Titration)	98-100 (%)	98.88 %
Water by Karl Fischer	0-1.5 (%)	0.42 %
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