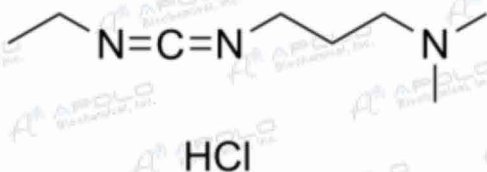


CERTIFICATE OF ANALYSIS

Product Name: 1-(3-Dimethylaminopropyl)-3-ethylcarbodiimide (hydrochloride)

Chemical Structure:



Lot Number: 149974CSW008839

CAT Number: APL-2595253

CAS Registry Number: 25952-53-8

Manufacture Date: 06/2022

Expiry Date: 06/2024

Molecular Formula: C₈H₁₈ClN₃

Molecular Weight: 191.70

Storage: 2-8°C, sealed storage, away from moisture

Analysis Data

Item	Specification	Results
Appearance	White to off-white (Solid)	Conforms
Purity	≥ 99.0 %	99.0 %
Water (KF)	< 0.20 %	0.15 %

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Jennifer LaBrecque 07/2022
Quality Assurance Manager

Conclusion: The above product meets the specifications of APOLO