

Certificate of Analysis

Date of Testing: 2025-01-06 15:10:48

Date of Next Testing: 2027-01-06 15:10:48

Product Name: **3-(Dimethylamino)-1-(2-thienyl)-1-propanone Hydrochloride**

CAS Number: 5424-47-5

Specifications & Purity: $\geq 98\%$

Lot #: E2113287

SKU #: **D135972**

Version **0**

Analysis #: **446324**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	176-182 (°C)	180.64000 °C
Purity (Argentmetric Titration)	97.5-102.5 (%)	97.50 %
Purity(HPLC)	98-100 (%)	98.66400 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager