

Certificate of Analysis

Date of Testing: 2025-06-12 14:00:34

Date of Next Testing: 2028-06-11 14:00:34

Product Name: **1,4-Bis(3-isocyanopropyl)piperazine**

CAS Number: 51641-96-4

Specifications & Purity: $\geq 97\%$

Lot #: F2505047

SKU #: **B281619**

Version: **1**

Analysis #: **141892**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	81-85 (°C)	83.89000 °C
Purity(HPLC)	97-100 (%)	98.86400 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(B281619)	White to Light yellow powder to crystal	White to Light yellow powder to crystal



John Su
QA & QC Manager