

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-10-23 14:34:19

Date of Next Testing: 2029-10-22 14:34:19

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

CAS Number: 7209-38-3

Specifications & Purity: $\geq 98\%$

Lot #: J2517100

SKU #: **S67724**

Version: **0**

Analysis #: **595002**

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

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.502-1.504	1.50
Purity(GC)	98-100 (%)	98.01 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(S67724)	Colorless liquid	Colorless liquid

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

