

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2026-06-10 18:29:19

Date of Next Testing: 2028-06-10 18:29:19

Product Name: **1,4-Bis(2-hydroxyethyl)piperazine**

CAS Number: 122-96-3

Specifications & Purity: 98%

Lot #: J2408214

SKU #: **S92386**

Version: **0**

Analysis #: **419449**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.46 %
Melting point	136-140 (°C)	138.59000 °C
Purity(NonaqueousTitration)	97.5-102.5 (%)	100.32 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(S92386)	White to pale yellow Crystal to Powder	White to pale yellow Crystal to Powder

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

