

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

## Certificate of Analysis

Date of Testing: 2025-04-21 09:11:31

Date of Next Testing: 2029-04-20 09:11:31

Product Name: **1,4-Bis(aminomethyl)cyclohexane (cis- and trans- mixture)**

CAS Number: 2549-93-1

Specifications & Purity:  $\geq 98\%$ (GC)

Lot #: D2516129

SKU #: Y32431

Version: 0

Analysis #: 501000

Storage Temperature: Room temperature, Argon charged

| Parameter                          | Limit Values          | Result                |
|------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20/D</sub> | 1.493-1.496           | 1.50                  |
| Density (20°C)                     | 0.946-0.949           | 0.95                  |
| Purity(GC)(total of isomers)       | 98-100 (%)            | 99.80 %               |
| Proton NMR spectrum                | Conforms to Structure | Conforms to Structure |

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

