

## Certificate of Analysis

Date of Testing: 2022-12-17 19:34:44  
Date of Next Testing: 2026-12-16 19:34:44  
Product Name: **1,3-Bis(aminomethyl)cyclohexane (cis- and trans- mixture)**  
CAS Number: 2579-20-6  
Specifications & Purity: >98.0%(GC)  
Lot #: L2213427  
SKU #: **B153044**  
Analysis: **158328**

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.492-1.494	1.49
Purity(GC)(total of isomers)	98-100 (%)	99.96 %
Density (20°C)	0.944-0.946	0.94
Appearance (B153044)	Colorless liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager