

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-17 19:59:32
 Date of Next Testing: 2026-12-16 19:59:32
 Product Name: **1,3-Bis(aminomethyl)cyclohexane (cis- and trans- mixture)**
 CAS Number: 2579-20-6
 Specifications & Purity: $\geq 98\%$ (GC)
 Lot #: L2214137
 SKU #: **B153044**
 Version: **0**
 Analysis #: **158328**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.492-1.494	1.49310
Purity(GC)(total of isomers)	98-100 (%)	99.95900 %
Density (20°C)	0.944-0.946	0.94410
Appearance (B153044)	Colorless liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager