

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-23 16:38:49

Date of Next Testing: 2026-06-22 16:38:49

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

CAS Number: 2549-93-1

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

Lot #: F2218022

SKU #: **B152531**

Version **0**

Analysis #: **093826**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.493-1.496	1.49500
Density (20°C)	0.946-0.949	0.94700
Purity(GC)(total of isomers)	98-100 (%)	99.80000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager