

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-20 14:10:48

Date of Next Testing: 2026-07-19 14:10:48

Product Name: **Bis(aminomethyl)norbornane (mixture of isomers)**

CAS Number: 56602-77-8

Specifications & Purity:  $\geq 97\%$

Lot #: G2219176

SKU #: **B152512**

Version: **0**

Analysis #: **094264**

Storage Temperature: Room temperature

| Parameter                          | Limit Values          | Result                |
|------------------------------------|-----------------------|-----------------------|
| Purity(GC)(total of isomers)       | 97-100 (%)            | 99.60000 %            |
| Density (20°C)                     | 1-1.004               | 1.00100               |
| Refractive index n <sub>20/D</sub> | 1.509-1.513           | 1.51000               |
| Proton NMR spectrum                | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager