

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-30 12:03:30

Date of Next Testing: 2027-06-30 12:03:30

Product Name: **1-Bromo-1-propene (cis- and trans- mixture)**

CAS Number: 590-14-7

Specifications & Purity:  $\geq 97\%$ (GC)

Lot #: K2108462

SKU #: **B151977**

Version **0**

**Analysis #:** **525569**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                           | Limit Values               | Result                     |
|-------------------------------------|----------------------------|----------------------------|
| Refractive index n <sub>20</sub> /D | 1.452-1.456                | 1.45                       |
| Purity(GC)(total of isomers)        | 97-100 (%)                 | 97.59 %                    |
| Appearance (B151977)                | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Proton NMR spectrum                 | Conforms to Structure      | Conforms to Structure      |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager