

## Certificate of Analysis

Date of Testing: 2023-10-26 08:58:28

Date of Next Testing: 2027-10-25 08:58:28

Product Name: **1-Chloro-3-methyl-2-butene**

CAS Number: 503-60-6

Specifications & Purity: 90%, stabilized with K<sub>2</sub>CO<sub>3</sub>

Lot #: J2309185

SKU #: **C638572**

**Analysis:** **290285**

Storage Temperature: Store at 2-8°C

| Parameter                           | Limit Values               | Result                     |
|-------------------------------------|----------------------------|----------------------------|
| Purity(GC)                          | 90-100 (%)                 | 99.96 %                    |
| Refractive index n <sub>20</sub> /D | 1.447-1.451                | 1.45                       |
| Appearance(C638572)                 | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| NMR Spectrum 1H                     | Conforms to structure      | Conforms to Structure      |

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

John Su  
QA & QC Manager