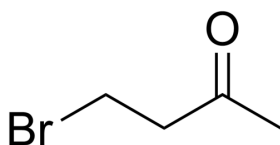


## Certificate of Analysis

**Product Name:** 4-Bromobutan-2-one  
**Cat. No.:** CS-0162440  
**CAS No.:** 28509-46-8  
**Batch No.:** Lf1207188284

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>4</sub>H<sub>7</sub>BrO  
**Molecular Weight:** 151.00  
**Storage:** -20°C, protect from light, stored under nitrogen  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Brown to reddish brown (Liquid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (GC):** 96.03%  
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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