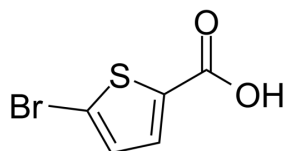


## Certificate of Analysis

**Product Name:** 5-Bromothiophene-2-carboxylic acid  
**Cat. No.:** CS-B0139  
**CAS No.:** 7311-63-9  
**Batch No.:** Le072191071

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>5</sub>H<sub>3</sub>BrO<sub>2</sub>S  
**Molecular Weight:** 207.05  
**Storage:** 2-8°C, protect from light  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (HPLC):** 96.93%  
**Water(KF):** 0.60%  
**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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