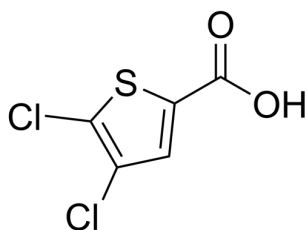


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	4,5-Dichlorothiophene-2-carboxylic acid
<b>Cat. No.:</b>	1062638
<b>CAS No.:</b>	31166-29-7
<b>Molecular Formula:</b>	C <sub>5</sub> H <sub>2</sub> Cl <sub>2</sub> O <sub>2</sub> S
<b>Molecular Weight:</b>	197.04
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Lb0821076
<b>Storage:</b>	Store at room temperature
<b>Test Date:</b>	2018-08-22
<b>Retest Date:</b>	2023-08-21
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	Off-white to gray (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>LCMS:</b>	Consistent with structure
<b>Purity (LCMS):</b>	98.98%
<b>Conclusion:</b>	The product has been tested and complies with the given specifications.

**Caution: Research use only and are not intended for human use.**

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