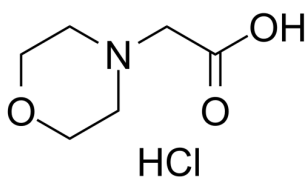


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	4-Morpholineacetic acid hydrochloride
<b>Cat. No.:</b>	1045820
<b>CAS No.:</b>	89531-58-8
<b>Molecular Formula:</b>	C <sub>6</sub> H <sub>12</sub> ClNO <sub>3</sub>
<b>Molecular Weight:</b>	181.62
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Le030862957
<b>Storage:</b>	Store at room temperature, keep dry and cool
<b>Mfg. Date:</b>	2019-03-13
<b>Retest Date:</b>	2022-03-12
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	White to off-white (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Purity (NMR):</b>	≥98.0%
<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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