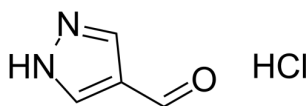


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	1H-Pyrazole-4-carbaldehyde hydrochloride
<b>Cat. No.:</b>	1049657
<b>CAS No.:</b>	1197230-88-8
<b>Molecular Formula:</b>	C <sub>4</sub> H <sub>5</sub> ClN <sub>2</sub> O
<b>Molecular Weight:</b>	132.55
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Le0h0480
<b>Storage:</b>	2-8°C, stored under nitrogen
<b>Mfg. Date:</b>	2021-02-02
<b>Retest Date:</b>	2024-02-01
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	Off-white to light yellow (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>LCMS:</b>	Consistent with structure
<b>Purity (LCMS):</b>	98.29%
<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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