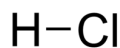
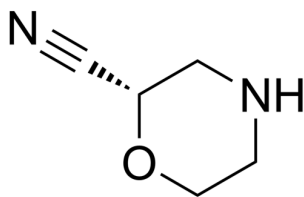


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	(S)-Morpholine-2-carbonitrile hydrochloride
<b>Cat. No.:</b>	1174293
<b>CAS No.:</b>	1417789-39-9
<b>Molecular Formula:</b>	C <sub>5</sub> H <sub>9</sub> ClN <sub>2</sub> O
<b>Molecular Weight:</b>	148.59
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	L354509
<b>Storage:</b>	Store at room temperature, keep dry and cool
<b>Test Date:</b>	2023-10-31
<b>Retest Date:</b>	2026-10-30
<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>MS:</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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