



## **Certificate of Analysis**

## **Compound Information**

**Product Name:** (S)-Piperazine-2-carboxylic acid dihydrochloride

 Cat. No.:
 1022715

 CAS No.:
 158663-69-5

 Molecular Formula:
  $C_5H_{12}Cl_2N_2O_2$ 

Molecular Weight: 203.07

**Chemical Structure:** 

HN NH OH

H-CI H-CI

## **Batch Information**

**Batch No.:** Ld050802442

Storage: RT, protect from light

Mfg. Date: 2012-11-09
Retest Date: 2021-11-08
Origin: Shanghai, China

QC Summary

Appearance: White to off-white (Solid)

1 H NMR Spectrum: Consistent with structure

MS: Consistent with structure

**Purity (NMR):** ≥98.0%

**Conclusion:** 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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