

## Certificate of Analysis

### Compound Information

**Product Name:** L-Carnitine (fumarate)

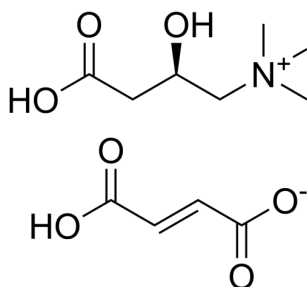
**Cat. No.:** 1230262

**CAS No.:** 90471-79-7

**Molecular Formula:** C<sub>11</sub>H<sub>19</sub>NO<sub>7</sub>

**Molecular Weight:** 277.27

**Chemical Structure:**



### Batch Information

**Batch No.:** Le041967714

**Storage:** Store at room temperature

**Test Date:** 2021-04-23

**Retest Date:** 2026-04-22

**Origin:** Shanghai, China

### QC Summary

**Appearance:** White to off-white (Solid)

**<sup>1</sup>H NMR Spectrum:** Consistent with structure

**LCMS:** Consistent with structure

**Optical Rotation:** 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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