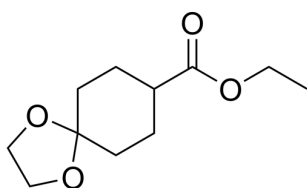


## Certificate of Analysis

### Compound Information

|                     |  |
|---------------------|--|
| Product Name:       | Ethyl 1,4-dioxaspiro[4.5]decane-8-carboxylate  |
| Cat. No.:           | 1062886  |
| CAS No.:            | 1489-97-0                                      |
| Molecular Formula:  | C <sub>11</sub> H <sub>18</sub> O <sub>4</sub> |
| Molecular Weight:   | 214.26   |
| Chemical Structure: |  |



### Batch Information

|              |                           |
|--------------|---------------------------|
| Batch No.:   | Le083196746               |
| Storage:     | Store at room temperature |
| Test Date:   | 2021-08-31                |
| Retest Date: | 2026-08-30                |
| Origin:      | Shanghai, China           |

### QC Summary

|                              |   |
|------------------------------|---|
| Appearance:                  | Colorless to light yellow (Liquid)                                      |
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| Purity (NMR):                | ≥95.0%  |
| Water(KF):                   | 0.16%   |
| 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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