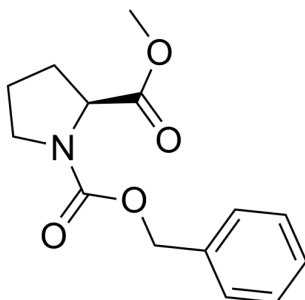


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	N-Z-L-proline methyl ester
<b>Cat. No.:</b>	1085858
<b>CAS No.:</b>	5211-23-4
<b>Molecular Formula:</b>	C <sub>14</sub> H <sub>17</sub> NO <sub>4</sub>
<b>Molecular Weight:</b>	263.29
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Lf1110181422
<b>Storage:</b>	Storage temp. 2-8°C
<b>Mfg. Date:</b>	2022-11-11
<b>Retest Date:</b>	2025-11-10
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	Colorless to light yellow (Liquid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Purity (HPLC):</b>	99.21%
<b>Water(KF):</b>	0.40%
<b>OR[α](C=0.63 g/100ml CHCL<sub>3</sub>):</b>	-53.3°
<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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