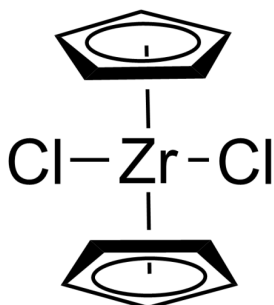


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	Bis(cyclopentadienyl)zirconium(IV) dichloride
<b>Cat. No.:</b>	1090138
<b>CAS No.:</b>	1291-32-3
<b>Molecular Formula:</b>	C <sub>10</sub> H <sub>10</sub> Cl <sub>2</sub> Zr
<b>Molecular Weight:</b>	292.32
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Lg0307209363
<b>Storage:</b>	2-8°C, protect from light, stored under nitrogen
<b>Test Date:</b>	2023-03-07
<b>Retest Date:</b>	2026-03-06
<b>Origin:</b>	Shanghai, China

### QC Summary

	Specification	Result
<b>Appearance:</b>	White to off-white (Solid)	White (Powder)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure	Consistent with structure
<b>Purity (Argentometric Titration), ω/%:</b>	98-100	qualified
<b>Zr (Gravimetric Analysis After Ignition to Oxide), ω/%:</b>	30.1-30.9	qualified
<b>Purity (Chelometric Titration), ω/%:</b>	98-100	qualified
<b>Structure Identification(Infrared Spectrum):</b>	Conforms	Conforms
<b>Structure Identification(Proton NMR Spectrum):</b>	Conforms	Conforms
<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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