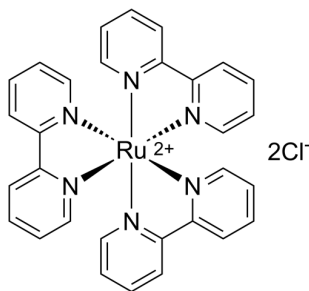


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	Tris(2,2'-bipyridine)ruthenium dichloride
<b>Cat. No.:</b>	1152645
<b>CAS No.:</b>	14323-06-9
<b>Molecular Formula:</b>	C <sub>30</sub> H <sub>24</sub> Cl <sub>2</sub> N <sub>6</sub> Ru
<b>Molecular Weight:</b>	640.53
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Lg0630272692
<b>Storage:</b>	2-8°C, protect from light, stored under nitrogen
<b>Test Date:</b>	2023-06-30
<b>Retest Date:</b>	2026-06-29
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	Orange to red (Solid)
<b>Purity:</b>	≥98.0%
<b>Ru:</b>	15.72 w/%
<b>Pt:</b>	<0.001 w/%
<b>Te:</b>	<0.0005 w/%
<b>Mg:</b>	<0.0003 w/%
<b>Bi:</b>	<0.0003 w/%
<b>Sb:</b>	<0.0003 w/%
<b>Ti:</b>	<0.0003 w/%
<b>As:</b>	<0.0003 w/%
<b>Cr:</b>	<0.0003 w/%
<b>Mo:</b>	<0.0003 w/%
<b>Mn:</b>	<0.0003 w/%
<b>Fe:</b>	<0.0003 w/%
<b>Ir:</b>	<0.0003 w/%

<b>Co:</b>	<0.0003 w/%
<b>Rh:</b>	<0.0005 w/%
<b>Pd:</b>	<0.0003 w/%
<b>Ni:</b>	<0.0003 w/%
<b>Pb:</b>	<0.0003 w/%
<b>Cu:</b>	<0.0003 w/%
<b>Ag:</b>	<0.0003 w/%
<b>Au:</b>	<0.001 w/%
<b>Zn:</b>	<0.0003 w/%
<b>Cd:</b>	<0.0003 w/%
<b>Al:</b>	<0.0003 w/%
<b>Si:</b>	<0.001 w/%
<b>Sn:</b>	<0.0003 w/%
<b>Zr:</b>	<0.0003 w/%
<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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