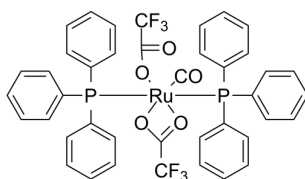


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	Bis(trifluoroacetato)carbonylbis(triphenylphosphine)ruthenium(II) methanol adduct
<b>Cat. No.:</b>	1152699
<b>CAS No.:</b>	38596-61-1
<b>Molecular Formula:</b>	C <sub>41</sub> H <sub>33</sub> F <sub>6</sub> O <sub>5</sub> P <sub>2</sub> Ru
<b>Molecular Weight:</b>	879.68
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Lf0904165825
<b>Storage:</b>	2-8°C, protect from light, stored under nitrogen
<b>Mfg. Date:</b>	2022-09-04
<b>Retest Date:</b>	2025-09-03
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	Light yellow to yellow (Solid)
<b>Purity:</b>	≥99.0%
<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>Ru:</b>	11.41 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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