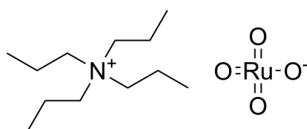


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	Tetrapropylammonium perruthenate
<b>Cat. No.:</b>	1017430
<b>CAS No.:</b>	114615-82-6
<b>Molecular Formula:</b>	C <sub>12</sub> H <sub>28</sub> NO <sub>4</sub> Ru
<b>Molecular Weight:</b>	351.43
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	L343821
<b>Storage:</b>	2-8°C, protect from light, stored under nitrogen
<b>Test Date:</b>	2023-08-24
<b>Retest Date:</b>	2026-08-23
<b>Origin:</b>	Shanghai, China

### QC Summary

	Specification	Result
<b>Appearance:</b>	Brown to black (Solid)	Black (powder)
<b>Purity, ω/%:</b>	≥98	qualified
<b>Metal Content(Ru), ω/%:</b>	≥28	29.55
<b>Platinum(Pt), ω/%:</b>	≤0.002	<0.001
<b>Palladium(Pd), ω/%:</b>	≤0.002	<0.001
<b>Iridium(Ir), ω/%:</b>	≤0.002	<0.001
<b>Gold(Au), ω/%:</b>	≤0.002	<0.001
<b>Silver(Ag), ω/%:</b>	≤0.002	<0.001
<b>Aluminium(Al), ω/%:</b>	≤0.012	<0.001
<b>Copper(Cu), ω/%:</b>	≤0.006	<0.001
<b>Iron(Fe), ω/%:</b>	≤0.012	<0.001
<b>Magnesium(Mg), ω/%:</b>	≤0.006	<0.001
<b>Manganese(Mn), ω/%:</b>	≤0.012	<0.001
<b>Sodium(Na), ω/%:</b>	≤0.012	0.006
<b>Lead(Pb), ω/%:</b>	≤0.006	<0.001

**Calcium(Ca), $\omega$ /%:**

$\leq 0.012$

$< 0.001$

**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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