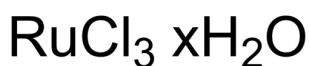


Certificate of Analysis

Compound Information

Product Name:	Ruthenium(III) chloride (hydrate)
Cat. No.:	1089723
CAS No.:	14898-67-0
Molecular Formula:	$\text{RuCl}_3 \cdot x\text{H}_2\text{O}$
Chemical Structure:	



Batch Information

Batch No.:	Lc0320079
Storage:	2-8°C, protect from light, stored under nitrogen
Test Date:	2019-03-21
Retest Date:	2022-03-20
Origin:	Shanghai, China

QC Summary

Appearance:	Brown to black (Solid)
Purity:	≥99.0%
Ru Assay:	37.01%
Cu Assay:	0.006%
Ca Assay:	0.008%
Mg Assay:	0.008%
Na Assay:	0.008%
Fe Assay:	0.009%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

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