

## Certificate of Analysis

### Compound Information

Product Name:	Iridium trichloride trihydrate
Cat. No.:	1155758
CAS No.:	13569-57-8
Molecular Formula:	Cl <sub>3</sub> H <sub>6</sub> IrO <sub>3</sub>
Molecular Weight:	352.62
Chemical Structure:	

### Batch Information

Batch No.:	Lg1017314078
Storage:	2-8°C, protect from light, stored under nitrogen
Test Date:	2023-10-18
Retest Date:	2026-10-17
Origin:	Shanghai, China

### QC Summary

	Specification	Result
Appearance:	Brown to black (Solid)	brown (powder)
Iridium Content,ω/%:	54.0-57.0	54.07
Calcium(Ca),ω/%:	≤0.01	<0.01
Iron(Fe),ω/%:	≤0.01	<0.01
Sodium(Na),ω/%:	≤0.01	<0.01
Copper(Cu),ω/%:	≤0.005	<0.005
Magnesium(Mg),ω/%:	≤0.005	<0.005
Lead(Pb),ω/%:	≤0.005	<0.005
Manganese(Mn),ω/%:	≤0.005	<0.005
Aluminium(Al),ω/%:	≤0.005	<0.005
Silicon(Si),ω/%:	≤0.01	<0.005
Total Impurity Elements,ω/%:	≤0.1	<0.1
Solubility:	Soluble in Water, Hydrochloric Acid and Ethanol	qualified
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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