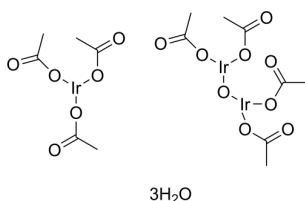


Certificate of Analysis

Compound Information

Product Name:	Iridium(III) acetate trihydrate
Cat. No.:	1172151
CAS No.:	52705-52-9
Molecular Formula:	C ₁₄ H ₂₇ Ir ₃ O ₁₈
Molecular Weight:	1060.01
Chemical Structure:	



Batch Information

Batch No.:	Lg0417237382
Storage:	2-8°C, protect from light, stored under nitrogen
Test Date:	2023-04-18
Retest Date:	2026-04-17
Origin:	Shanghai, China

QC Summary

Appearance:	Light green to green (Solid)
Platinum(Pt), ω/%:	≤0.005
Aluminium(Al), ω/%:	≤0.005
Nickel(Ni), ω/%:	≤0.005
Lead(Pb), ω/%:	≤0.005
Iron(Fe), ω/%:	≤0.005
Copper(Cu), ω/%:	≤0.005
Rhodium(Rh), ω/%:	≤0.005
Ruthenium(Ru), ω/%:	≤0.01
Zinc(Zn), ω/%:	≤0.005
Palladium (Pd), ω/%:	≤0.005
Magnesium(Mg), ω/%:	≤0.005
Iridium Acetate, ω/%:	≥95
Dilute Acetic Acid (2+1) Insoluble Matter, ω/%:	<0.5

Specification

Appearance:	Light green to green (Solid)
Platinum(Pt), ω/%:	≤0.005
Aluminium(Al), ω/%:	≤0.005
Nickel(Ni), ω/%:	≤0.005
Lead(Pb), ω/%:	≤0.005
Iron(Fe), ω/%:	≤0.005
Copper(Cu), ω/%:	≤0.005
Rhodium(Rh), ω/%:	≤0.005
Ruthenium(Ru), ω/%:	≤0.01
Zinc(Zn), ω/%:	≤0.005
Palladium (Pd), ω/%:	≤0.005
Magnesium(Mg), ω/%:	≤0.005
Iridium Acetate, ω/%:	≥95
Dilute Acetic Acid (2+1) Insoluble Matter, ω/%:	<0.5

Result

Appearance:	Dark Green (Crystal Powder)
Platinum(Pt), ω/%:	qualified
Aluminium(Al), ω/%:	qualified
Nickel(Ni), ω/%:	qualified
Lead(Pb), ω/%:	qualified
Iron(Fe), ω/%:	qualified
Copper(Cu), ω/%:	qualified
Rhodium(Rh), ω/%:	qualified
Ruthenium(Ru), ω/%:	qualified
Zinc(Zn), ω/%:	qualified
Palladium (Pd), ω/%:	qualified
Magnesium(Mg), ω/%:	qualified
Iridium Acetate, ω/%:	99
Dilute Acetic Acid (2+1) Insoluble Matter, ω/%:	qualified

Iridium Content,ω/%:

≤0.005

48.06

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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