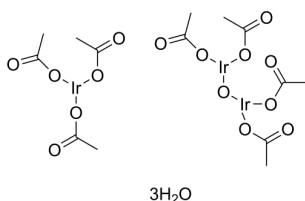


## Certificate of Analysis

### Compound Information

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



### Batch Information

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

### QC Summary

| QC Summary   | Specification                | Result                      |
|--|------------------------------|-----------------------------|
| <b>Appearance:</b>                                     | Light green to green (Solid) | Dark Green (Crystal Powder) |
| <b>Platinum(Pt), ω/%:</b>                              | ≤0.005                       | qualified                   |
| <b>Aluminium(Al), ω/%:</b>                             | ≤0.005                       | qualified                   |
| <b>Nickel(Ni), ω/%:</b>                                | ≤0.005                       | qualified                   |
| <b>Lead(Pb), ω/%:</b>                                  | ≤0.005                       | qualified                   |
| <b>Iron(Fe), ω/%:</b>                                  | ≤0.005                       | qualified                   |
| <b>Copper(Cu), ω/%:</b>                                | ≤0.005                       | qualified                   |
| <b>Rhodium(Rh), ω/%:</b>                               | ≤0.005                       | qualified                   |
| <b>Ruthenium(Ru), ω/%:</b>                             | ≤0.01                        | qualified                   |
| <b>Zinc(Zn), ω/%:</b>                                  | ≤0.005                       | qualified                   |
| <b>Palladium (Pd), ω/%:</b>                            | ≤0.005                       | qualified                   |
| <b>Magnesium(Mg), ω/%:</b>                             | ≤0.005                       | qualified                   |
| <b>Iridium Acetate, ω/%:</b>                           | ≥95                          | 99                          |
| <b>Dilute Acetic Acid (2+1) Insoluble Matter, ω/%:</b> | <0.5                         | 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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