

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-20 17:05:54
Date of Next Testing: 2028-06-19 17:05:54
Product Name: **Sodium hexachloroiridate hexahydrate**
CAS Number: 19567-78-3
Specifications & Purity: 99.9% trace metals basis
Lot #: F2403153
SKU #: **S124021**
Version: **0**
Analysis #: **024742**

| Parameter | Limit Values | Result |
|--|---|---|
| Ir(Gravimetric Analysis,After Reduction With Magnesium) | 32.6-36.1 (%) | 33.19 % |
| Chlorine(Titration by AgNO ₃ , After Oxygen Combustion) | 36.1-39.9 (%) | 36.98 % |
| Trace Metal Analysis | 0-1500 (ppm) | 963.00 ppm |
| Purity(Based On Trace Metals Analysis) | 99.9-100 (%) | 99.90 % |
| Water by Karl Fischer | 18-22 (%) | 18.01 % |
| Appearance (S124021) | purple to black powder,Crystals,Flakes or Chips | purple to black powder,Crystals,Flakes or Chips |
| ICP:Confirms Iridium and Sodium Components | Confirmed | Confirmed |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager