

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-19 15:29:55

Date of Next Testing: 2029-05-18 15:29:55

Product Name: **Sodium hexachloroiridate hexahydrate**

CAS Number: 19567-78-3

Specifications & Purity: $\geq 99.9\%$ metals basis

Lot #: H2109255

SKU #: **S124021**

Version: **0**

Analysis #: **510635**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Ir(Gravimetric Analysis, After Reduction With 32.6-36.1 (%) Magnesium)		33.10000 %
Water by Karl Fischer	18-22 (%)	18.00000 %
Chlorine(Titration by AgNO ₃ , After Oxygen Combustion)	36.1-39.9 (%)	36.90000 %
Trace Metal Analysis	0-1500 (ppm)	963.00000 ppm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.90370 %
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