

## Certificate of Analysis

Date of Testing: 2024-12-20 18:53:51  
 Date of Next Testing: 2027-12-20 18:53:51  
 Product Name: **Hexaammineruthenium(III) chloride**  
 CAS Number: 14282-91-8  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: L2419714  
 SKU #: **H302860**  
 Version: **0**  
 Analysis #: **442763**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                         | Limit Values                                 | Result                                       |
|-----------------------------------|----------------------------------------------|----------------------------------------------|
| Purity (Argentmetric Titration)   | 97.5-102.5 (%)                               | 100.66 %                                     |
| Appearance (H302860Form)          | Powder                                       | Powder                                       |
| Appearance (H302860Color)         | White to Yellow to Pale Orange to Red to Tan | White to Yellow to Pale Orange to Red to Tan |
| ICP: Confirms Ruthenium Component | Confirmed                                    | Confirmed                                    |
| Infrared spectrum                 | Conforms to Structure                        | Conforms to Structure                        |



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