

Certificate of Analysis

Date of Testing: 2025-08-08 08:46:14

Date of Next Testing: 2028-08-07 08:46:14

Product Name: **Potassium hexacyanoruthenate(II) hydrate**

CAS Number: 339268-21-2

Specifications & Purity: $\geq 98\%$

Lot #: I2220577

SKU # **P282754**

Version **4**

Analysis #: **547054**

Storage Temperature: Store at 2-8°C, Argon charged, Desiccated

Parameter	Limit Values	Result
Carbon by Elemental Analysis	15-17 (%)	15.55 %
Nitrogen by Elemental Analysis	17- 20 (%)	17.66 %
Ruthenium (Ru)	23.2-24 (%)	23.21 %
Appearance(P282754)	White to Grey to Purple Powder	White to Grey to Purple Powder
ICP : Confirms Potassium and Ruthenium Components	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



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