Qualikems Lifesciences Pvt. Ltd.

Ho & Works : Plot No. 68-69,G.I.D.C Industrial Estate, Nandesari, Vadodara-391340 (Guj.)
Telefax : 91-265-2841531,2841532,2841534,2841535
Email: salesindia@qualikems.com ,www.qualikems.com

CERTIFICATE OF ANALYSIS

Name of Product	:	Ruthenium Red	**CAS No.**	:	11103-72-3
Molecular Formula	:	$Cl_6H_{42}N_{14}O_3Ru_3$	**Molecular Weight**	:	786.35 g/mole
Batch No.	:	QF2611155	**Grade**	:	LR
Mfg. Date	:	November-2026	**Retest. Date**	:	October -2031

Sr. No.	Tests	Specification	Observation
1	Appearance	Brownish-Red colored Powder	Complies
2	Assay	Min.99.0%	99.67 %
	Max. Limits of impurities:		
3	Ruthenium (Ru)	About 35.0 %	35.10 %
4	Palladium (Pd)	0.005%	0.003 %
5	Rhodium (Rh)	0.005%	0.002 %

Conclusion: Product complies as per above specification.
Note: This document has been produced electronically and it is valid without signature.
Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance.

Sales Office : 5531,Basti Harphool singh Sadar Thana Road, Delhi-110006, INDIA
Tel : +91-11-23618475/23618476 | Fax:+91-11-23678476