



Qualikems Lifesciences Pvt. Ltd.

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CERTIFICATE OF ANALYSIS

Name of Product	:	Mercuric Iodide Red	CAS No.	:	7774-29-0
Molecular Formula	:	HgI ₂	Molecular Weight	:	454.40 g/mole
Batch No.	:	QF2601033	Grade	:	LR
Mfg. Date	:	January-2026	Retest Date	:	December-2030

Sr.No.	Tests	Specification	Observation
1	Appearance	Orange Red Powder	Complies
2	Assay	99.0-100.5%	99.60 %
Maximum limits of impurities:#			
3	Melting Point	259° C	259° C
4	Substances insoluble in potassium Iodide solution	0.2%	Complies
5	Foreign heavy metals, soluble mercury salts(as Hg)	0.05 %	0.03 %
6	Substances not reducible with formic acid(residue on ignition)	0.1 %	0.06 %
7	Loss on drying	0.5 %	0.2 %
8	Chloride (Cl)	0.015%	< 0.015%

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

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