

789 – MERCURIC IODIDE RED, EXTRA PURE

REF NO: TBL/QA/SS/LC/789	STANDARD SPECIFICATION FOR MERCURIC IODIDE RED, EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 26/10/2024
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PRODUCT PROPERTIES

C.A.S Number	7774-29-0
Chemical Formula	HgI ₂
Formula weight	454.40
Functional Uses	Mercuric iodide may be used in the preparation of mercury(II) acetate and diiodobis(1-methyl-1,3-imidazolium-2-thiolato-S)mercury(II).
Standard Packaging	100 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Red-Orange crystals and crystalline powder.
Solubility	Soluble in potassium iodide solution.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.15%
Sodium (Na)	NMT – 0.01%
Potassium (K)	NMT – 0.01%
Soluble Mercury salts (Hg)	NMT – 0.05%
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

