

## 397 – POTASSIUM METAPERIODATE, AR GRADE

REF NO: TBL/QA/SS/LC/397	STANDARD SPECIFICATION FOR POTASSIUM METAPERIODATE, AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 14/11/2024
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### PRODUCT PROPERTIES

C.A.S Number	7790-21-8
Chemical Formula	KIO <sub>4</sub>
Formula weight	230
Functional Uses	For the colorimetric determination of Mn (oxidizes manganese compounds to permanganates), as oxidizing agent Potassium periodate is used as an oxidizing agent in organic synthesis and an analytical reagent for the determination of potassium and cerium.
Standard Packaging	100 gm. & 500 gm.

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White color crystalline powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying	NMT – 0.5%
Chloride (Cl)	NMT – 0.02%
Sulphate (SO <sub>4</sub> )	NMT – 0.005%
Assay	NLT – 99.0%

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