

## 990 – FERRIC OXIDE RED (IRON OXIDE RED)

REF NO: TBL/QA/SS/LC/990	<b>STANDARD SPECIFICATION FOR FERRIC OXIDE RED (IRON OXIDE RED)</b>	Rev. No: 03
Issue No: 04		Review Date: 14/11/2024
Issue Date:15/11/2021		Product code: 990

### PRODUCT PROPERTIES

C.A.S Number	1309-37-1
Chemical Formula	Fe <sub>2</sub> O <sub>3</sub>
Formula weight	159.69
Functional Uses	Ferric oxide red is a coloring agent for tablets and capsules and is used in the pharmaceutical industry.
Standard Packaging	500 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Dark red, odorless power or lumps.
Clarity	Clear Solution.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.01%
Sulphate (SO <sub>4</sub> )	NMT – 0.01%
Lead (Pb)	NMT – 0.005%
Zinc (Zn)	NMT – 0.005%
Insoluble matter in (HCl)	NMT – 0.01%
Assay	NLT – 99%

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