

845 – FERRIC SULPHATE (Hydrate), EXTRA PURE

REF NO: TBL/QA/SS/LC/845	STANDARD SPECIFICATION FOR FERRIC SULPHATE (Hydrate), EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 27/10/2024
Issue Date: 28/10/2021		Product code: 845

PRODUCT PROPERTIES

C.A.S Number	10028-22-5
Chemical Formula	$Fe_2(SO_4)_3 \cdot xH_2O$
Formula weight	399.87
Functional Uses	Ferric Sulphate is used together with other iron compounds to fortify foods and to treat and prevent iron deficiency anemia. Constipation is a frequent and uncomfortable side effect associated with the administration of oral iron supplements and as laboratory reagent.
Standard Packaging	500gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Light Yellow to Yellow and Yellow-Beige coloured crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.001%
Nitrate(NO ₃)	NMT – 0.005%
Phosphate (PO ₄)	NMT – 0.002%
Arsenic (As)	NMT – 0.0005%
Calcium (Ca)	NMT – 0.005%
Heavy Metal (Pb)	NMT – 0.002%
Assay	NLT – 98.0%

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

