

5026 – FERROUS SULPHATE (HEPTA) (FOOD GRADE)

REF NO: TBL/QA/SS/F/5026	STANDARD SPECIFICATION FOR FERROUS SULPHATE (HEPTA) (FOOD GRADE)	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
Issue Date:07/02/2022		Product code: 5026

PRODUCT PROPERTIES

C.A.S Number	7720-78-7
Chemical Formula	FeSO ₄ ·7H ₂ O
Formula weight	278.02
Functional Uses	(FOOD GRADE)is used as Nutrient supplement
Standard Packaging	50 kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Pale, bluish or whitish green, odourless crystals, crystalline powder or granules. Effloresces in dry air. In moist air it oxidizes readily to form brownish yellow basic ferric sulfate
Solubility	Soluble in water; insoluble in ethanol.
Test for iron	Passes test
Test for sulfate	Passes test

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Acidity	Passes test
Lead	NMT - 2 mg/kg
Mercury	NMT - 1 mg/kg
Assay	99.5% - 104.5%

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

