

Product Specification

Product Name: IRON(III) SULFATE Hydrated LR

Alternate Name(s) Ferric sulfate; ferric persulfate.

Description

Yellowish crystals or grayish-white powder; odourless; very hygroscopic.

Properties

Chemical Formula: $\text{Fe}_2(\text{SO}_4)_3 \cdot x\text{H}_2\text{O}$

Molecular Weight: 399.88

Product Code: FL027

CAS No.: 15244-10-7

General Information:

Soluble in water and alcohol; insoluble in acetone and ethyl acetate.

Hazard and Safety Data

UN Group: None Allocated
Class: None Allocated
UN Number: None Allocated
Hazchem code: None Allocated
CS MSDS Code: 1CH9C
Poison schedule: Not Scheduled
Emergency
Procedure Guide No.: N/A

Quality Specification

Assay: 21 - 23% (of Fe)

Specific Properties and Impurities [Typical levels]:

Moisture	1.5%
Antimony (Sb)	0.0003%
Arsenic (As)	0.0006%
Barium (Ba)	0.001%
Cadmium (Cd)	0.0002%
Chromium (Cr)	0.005%
Copper (Cu)	0.001%
Iron (Fe 2+)	0.10%
Lead (Pb)	0.0006%
Manganese (Mn)	0.100%
Mercury (Hg)	0.0006%
Grain dissipation (Horiba d50)	50 - 100 μm
Grain dissipation (Horiba d95)	250 μm

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