



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:

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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