

**Department: Quality Control**

**Document No: LCPL/QSD/QAD/11**

**SOP No.: SOP/QC/11-F002**

**SPECIFICATION : FERROUS SULPHATE HEPTAHYDRATE**

<b>Issue date</b>	<b>09/04/2018</b>	<b>Review date</b>	<b>08/04/2023</b>	<b>Location</b>	<b>All Units</b>
<b>Version No.:</b>	<b>00</b>	<b>Supersedes</b>	<b>--</b>	<b>Page No</b>	<b>1 of 1</b>

**PRODUCT DETAILS**

1	Molecular Formula	FeSO <sub>4</sub> · 7H <sub>2</sub> O
2	Product code	F002
3	Molecular weight	278.01
4	CAS No	7782-63-0
5	Risk Statement No	22-36/38
6	Safety Statement No	46
7	UN No.	



**PACKING DETAILS**

	Product code	Pack size
1	F00210	500g
2	F00213	5Kg

**PRODUCT SPECIFICATION**

**SL. No. TEST PARAMETERS**

**LIMITS**

1	Description	Blue green crystals.
2	Solubility	10% solution in mixture of dilute sulphuric acid and water is clear.
3	Assay	Not less than 99.0%
4	pH (5% aqueous solution)	Between 3.0 and 4.0
5	Copper (Cu)	Not more than 0.005%
6	Heavy metals	Not more than 0.005%
7	Sodium (Na)	Not more than 0.05%

**SAFETY SYMBOLS**



Harmful / Irritant