



Mangalam
ACID AND CHEMICALS
Manufacturer, Supplier and Exporter / Importer

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Contact No. : +91 96620 88122, +91 90818 32790
Website : www.mangalamchemicals.com
GSTIN : 24ABPFM7919L1ZK

Certificate of Analysis

Name of Product: - FERROUS FUMARATE IP

Sr. No	TEST PERFORMED	SPECIFICATION	RESULT	REMARK
1.	DESCRIPTION	Reddish orange to reddish brown, fine powder; may contain soft lumps that produce a yellow streak when crushed; odour, slight.	Reddish orange to reddish brown, fine powder; may contain soft lumps that produce a yellow streak when crushed; odour, slight.	Complies
2.	SOLUBILITY	Slightly soluble in water; very slightly soluble in ethanol(95%).	Slightly soluble in water; very slightly soluble in ethanol(95%).	Complies
3.	IDENTIFICATION			
A	Reaction a Ferrous Salts	Filtrate gives reaction of a of ferrous salt.	Complies	Complies
B	By Chemical Test	Potassium permanganate is decolorized And brownish solution is obtained.	Complies	Complies
C	By Chemical Test	An orange-yellow solution without any fluorescence is obtained.	Complies	Complies
4.	ARSENIC	Not more than 5 ppm.	<5 ppm	Complies
5.	HEAVY METALS	Max. 20 ppm.	<20 ppm	Complies
6.	SULPHATE	Not more than 0.1 %	<0.1 %	Complies
7.	FERRIC IRON	Not more than 2.0 %	0.19 %	Complies
8.	LOSS ON DRYING	Not more than 1.0 %	0.64 %	Complies
9.	ASSAY[Dry Basis]	NLT 93.00% & NMT 101.0%	96.80 %	Complies

Remarks:- Above sample passes as per in house specification.



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