

Specification

Technical Data Sheet

CAS 141-01-5	STORAGE Ambient	MOLECULAR WEIGHT 169.90
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PRODUCT**Ferrous fumarate**

Product number	90037914
CAS number	141-01-5
Molecular formula	C ₄ H ₂ FeO ₄
Molecular weight	169.90 g/mol

PARAMETER	SPECIFICATION
Appearance	Reddish orange to reddish brown, fine powder; may contain soft lumps that produce a yellow streak when crushed.
Identification	A) Reaction A Ferrous salt- Filter gives reaction A of ferrous salt. A) By Chemical test: Potassium per manganate is decolorised and brownish solution. B) Chemical test: An Orange-yellow solution without any fluorescence is obtained.
Loss on Drying	≤1.0%
Heavy Metals (Pb)	≤20ppm
Iron(III) ion (Fe³⁺) % w/w	≤2.0%
Particle Size	100% passes through 100 mesh
Solubility	Slightly soluble in water, very slightly soluble in ethanol (95%)
Arsenic (As)	≤5ppm
Assay (dried basis)	93.0% - 101.0%
Identification (IR)	Conforms to reference
Sulphates (SO₄)(2-)	≤0.1%

**SPECIFICATION
STATEMENT**

The values stated above represent the standard specification for this product, issued under **Molekula Ltd**'s quality management system. Batch-specific results are provided on the Certificate of Analysis.

STORAGE

Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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