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## Product Specification

Product Name:  
Iron(II) sulfate heptahydrate - plant cell culture tested, ≥99%

Product Number:	<b>F8263</b>	$\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$
CAS Number:	7782-63-0	
MDL:	MFCD00149719	
Formula:	$\text{FeO}_4\text{S} \cdot 7\text{H}_2\text{O}$	
Formula Weight:	278.01 g/mol	

**TEST****Specification**

Appearance (Color)	Faint Blue to Blue to Green
Appearance (Form)	Powder
Solubility (Color)	Light Yellow and Light Blue-Green
Solubility (Turbidity)	Clear to Hazy
100 mg/mL, H <sub>2</sub> O	
Titration with KMnO <sub>4</sub>	≥ 99 %
Plant Cell Culture Test	Pass
Recommended Retest Period	-----
2 years	

Specification: PRD.1.ZQ5.10000048228

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.