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## Certificate of Analysis

Product Name:

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

<b>Product Number:</b>	<b>F8263</b>	$\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$
<b>Batch Number:</b>	<b>SLBV2982</b>	
<b>Brand:</b>	SIGMA	
<b>CAS Number:</b>	7782-63-0	
<b>MDL Number:</b>	MFCD00149719	
<b>Formula:</b>	$\text{FeO}_4\text{S} \cdot 7\text{H}_2\text{O}$	
<b>Formula Weight:</b>	278.01 g/mol	
<b>Quality Release Date:</b>	27 JUL 2017	
<b>Recommended Retest Date:</b>	JUL 2019	

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



Rodney Burbach, Manager  
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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. 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.