

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

## Certificate of Analysis

Product Name:

Ammonium iron(II) sulfate hexahydrate - ReagentPlus®, ≥98%

<b>Product Number:</b>	<b>F3754</b>	(NH <sub>4</sub> ) <sub>2</sub> Fe(SO <sub>4</sub> ) <sub>2</sub> · 6H <sub>2</sub> O
<b>Batch Number:</b>	<b>SLCB1263</b>	
<b>Brand:</b>	<b>SIGALD</b>	
<b>CAS Number:</b>	<b>7783-85-9</b>	
<b>MDL Number:</b>	<b>MFCD00150530</b>	
<b>Formula:</b>	<b>H8FeN2O8S2 · 6H2O</b>	
<b>Formula Weight:</b>	<b>392,14 g/mol</b>	
<b>Quality Release Date:</b>	<b>29 NOV 2018</b>	

Test	Specification	Result
Appearance (Color)	Light Green to Very Dark Green and Faint Blue to Dark Blue and Blue-Green	Blue-Green
Appearance (Form)	Powder	Powder
Solubility (Color)	Faint Blue to Dark Blue and Faint Green to Very Dark Green and Very Faint Blue-Green to Blue-Green	Faint Blue-Green
Solubility (Turbidity) 10G plus 99 mL H <sub>2</sub> O and 1 mL H <sub>2</sub> SO <sub>4</sub>	Clear to Very Slightly Hazy	Clear
Titration by KMNO <sub>4</sub>	≥ 98 %	101 %



Rodney Burbach, Manager  
Analytical Services  
St. Louis, Missouri US

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.