3050 Spruce Street, Saint Louis, MO 63103, USA Website: www.sigma-aldrich.com Email USA: techserv@sial.com Outside USA: eurtechserv@sial.com

## **Certificate of Analysis**

Product Name : **Product Number :** Batch Number : Source Batch : CAS Number : MDL Number : Molecular Formula : Formula Weight : Recommended Retest Date : Quality Release Date :

Iron(II) sulfate heptahydrate suitable for plant cell culture, ≥99% F8263-1KG 0000395407 0000368076 7782-63-0 MFCD00149719 FeO₄S · 7H<sub>2</sub>O

278.01 g/mol

09 Sep 2024

Sep 2026

FeSO<sub>4</sub> • 7H<sub>2</sub>O

Test	Specification	Result
Appearance (Color)	Faint Blue to Blue to Green	Faint Green
Appearance (Form)	Powder	Powder
Solubility (Color)	Light Yellow and Light Blue-Green	Light Blue-Green
Solubility (Turbidity)	Clear to Hazy	Clear
100 mg/mL, H2O		
Titration with KMnO4	≥ 99 %	100 %
Plant Cell Culture Test	Pass	Pass

Jaromanie

Jagodige Yasomanee, Supervisor **Quality Assurance** St. Louis, Dekalb 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. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

Version Number: 01 Doc: 1189718



The branding on the header and/or footer of this document may temporarily not visually match the product purchased as we transition our branding However, all of the information in the document regarding the product remains unchanged and matches the product ordered. For further information please contact mlsbranding@sial.com