

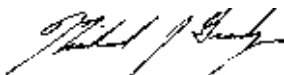
Certificate of Analysis

Product Name:

Cerium doped iron oxide - branched polyethyleneimine shell

Product Number: 909203
Batch Number: MKCN9218
Brand: ALDRICH
Storage Temperature: Store at 2 - 8 °C
Quality Release Date: 04 FEB 2021
Recommended Retest Date: JAN 2022

Test	Specification	Result
Appearance (Color) Red to Orange to Brown	Conforms to Requirements	Light Brown
Appearance (Form) Dispersion	Liquid	Liquid
ICP Major Analysis Confirms Cerium and Iron Components	Confirmed	Confirmed
Concentration Iron Specification: Report Only		0.27 mg/ml
Concentration Cerium Specification: Report Only		0.01 mg/ml
Concentration Total Particles Specification: Report Only		1.50 mg/ml
Zeta Potential Specification: Report Only		29.7 mV
Diameter Hydrodynamic Specification: Report Only		81.25 nm
Recommended Retest Period 1 Year	-----	-----



Michael Grady, Manager

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.



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Quality Control
Milwaukee, WI US

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