

3050 Spruce Street, Saint Louis, MO 63103, USA

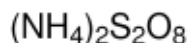
Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Certificate of Analysis

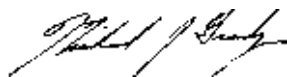
Product Name:

Ammonium persulfate - for molecular biology, for electrophoresis, ≥98%

Product Number: A3678
Batch Number: MKCD4490
Brand: SIGMA
CAS Number: 7727-54-0
MDL Number: MFCD00003390
Formula: H₈N₂O₈S₂
Formula Weight: 228.20 g/mol
Quality Release Date: 08 SEP 2017



Test	Specification	Result
Appearance (Color)	White to Off-White	White
Appearance (Form)	Powder or Crystals	Crystals
Solubility (Turbidity) c = 100mg/ml; Water	Clear	Clear
Solubility (Color)	Colorless	Colorless
Iron (Fe)	≤ 10 ppm	< 1 ppm
Heavy Metals	≤ 50 ppm	2 ppm
Chloride and Chlorate (as Cl)	≤ 10 ppm	< 10 ppm
DNase Detection	None Detected	None Detected
RNase Detection	None Detected	None Detected
Protease Detection	None Detected	None Detected
Suitability Suitable as a Catalyst of Acrylamide Polymerization	Suitable	Suitable
Titration by KMNO ₄	≥ 98.0 %	102.3 %



Michael Grady, Manager
Quality Control
Milwaukee, WI 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.