

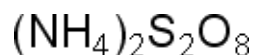
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Product Specification

Product Name:
Ammonium persulfate – for molecular biology, for electrophoresis, ≥98%

Product Number: A3678
CAS Number: 7727-54-0
MDL: MFCD00003390
Formula: H₈N₂O₈S₂
Formula Weight: 228.20 g/mol



TEST	Specification
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Appearance (Color)	White to Off-White
Appearance (Form)	Powder or Crystals
Solubility (Turbidity)	Clear
c = 100mg/ml; Water	
Solubility (Color)	Colorless
Iron (Fe)	≤ 10 ppm
Heavy Metal (as Lead)	≤ 50 ppm
Chloride and Chlorate (as Cl)	≤ 10 ppm
Suitability	Suitable
Suitable as a Catalyst of Acrylamide Polymerization	
DNAse Detection	None Detected
RNAse Detection	None Detected
Protease Detection	None Detected
Titration by KMNO ₄	≥ 98.0 %

Specification: PRD.0.ZQ5.10000032078

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.