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Product Specification

Product Name:
Ammonium cerium(IV) sulfate dihydrate - ACS reagent, ≥94%

Product Number: 383090
CAS Number: 10378-47-9
MDL: MFCD00149417
Formula: H₁₆CeN₄O₁₆S₄ · 2H₂O
Formula Weight: 632.55 g/mol



TEST	Specification
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Appearance (Color)	Yellow to Orange
Appearance (Form)	Powder or Crystals
ICP Major Analysis	Confirmed
Confirms Ce and S Components	
Titration with Dichromate	≥ 94.0 %
Insoluble matter	≤ 0.05 %
Iron (Fe)	≤ 0.01 %
Phosphate (PO ₄)	≤ 0.03 %

Specification: PRD.0.ZQ5.10000097092

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.