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## Product Specification

Product Name:  
Ammonium cerium(IV) nitrate - ≥99.99% trace metals basis

**Product Number:** 229547  
**CAS Number:** 16774-21-3  
**MDL:** MFCD00151121  
**Formula:** H8CeN8O18  
**Formula Weight:** 548.22 g/mol



TEST	Specification
Appearance (Color)	Orange
Appearance (Form)	Conforms to Requirements
Powder, Crystals. Crystalline Powder and/or Chunks	
DICR	25.0 - 26.1 %
% Ce By Titration with Dichromate	
ICP Major Analysis	Confirmed
Confirms Cerium component	
Trace Metal Analysis	≤ 100.0 ppm
Purity	Conforms
≥99.99% Based on Rare Earth Analysis	

Specification: PRD.0.ZQ5.10000024386

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](http://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.