

Certificate of Analysis

SIGMA-ALDRICH®

Product Name Ammonium perrhenate,
99.999% trace metals basis
Product Number 204161
Product Brand ALDRICH
CAS Number [13598-65-7](#)
Molecular Formula NH₄ReO₄
Molecular Weight 268.24
Storage Temp room temp

TEST

SPECIFICATION

LOT MKBB7440 RESULTS

Appearance (Color)	White to Off-White	White
Appearance (Form)	Conforms to Requirements Powder, Crystals and/or Chunks	Powder
Gravimetric Analysis (% Re)	68.4 - 70.4 % With Tetraphenylarsonium Chloride	70.2 %
X-Ray Diffraction	Conforms to Structure	Conforms
ICP: Confirms Rhenium Component	Confirmed	Conforms
Trace Metal Analysis	≤20.0 ppm	< 20.0 ppm
Molybdenum (Mo)	ppm	< 5.0 ppm
Silicon (Si)	ppm	< 5.0 ppm
Purity	Meets Requirements 99.999% Based On Trace Metals Analysis	Meets Requirements
Specification Date:		MAY 2009
Date of QC Release:		AUG 2009
Print Date:		AUG 26 2009



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