

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-08 09:38:44
Date of Next Testing: 2027-06-07 09:38:44
Product Name: **Cerium(IV) sulfate tetrahydrate**
CAS Number: 10294-42-5
Specifications & Purity: Analytical Reagent, 98%
Lot #: E23291041
SKU #: **C102729**
Analysis: **238021**

Parameter	Limit Values	Result
insoluble matter in dilute H ₂ SO ₄	0-0.01 (%)	0.00 %
(Pb)Lead	0-10 (ppm)	5.20 ppm
Copper(Cu)	0-10 (ppm)	2.80 ppm
Loss on drying(200 °C, 2 h)	15-20 (%)	15.01 %
Purity	98-100 (%)	99.97 %
Iron(Fe)	0-10 (ppm)	6.50 ppm
Phosphate(PO ₄)	0-100 (ppm)	99.24 ppm
Chloride (Cl ⁻)	0-10 (ppm)	5.50 ppm
Appearance (C102729)	orange powder	orange powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager