

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-10 12:12:04
Date of Next Testing: 2026-08-09 12:12:04
Product Name: **Cerium(IV) sulfate tetrahydrate**
CAS Number: 10294-42-5
Specifications & Purity: Analytical Reagent, 98%
Lot #: H2205861
SKU #: **C102729**
Analysis: **123805**

Parameter	Limit Values	Result
insoluble matter in dilute H ₂ SO ₄	0-0.01 (%)	0.01 %
(Pb)Lead	0-10 (ppm)	2.13 ppm
Copper(Cu)	0-10 (ppm)	4.28 ppm
Loss on drying(200 °C, 2 h)	15-20 (%)	19.98 %
Purity	98-100 (%)	99.99 %
Iron(Fe)	0-10 (ppm)	1.11 ppm
Phosphate(PO ₄)	0-100 (ppm)	73.00 ppm
Chloride (Cl ⁻)	0-10 (ppm)	5.15 ppm
Appearance (C102729)	orange powder	orange powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager