

## Certificate of Analysis

Date of Testing: 2024-05-17 18:44:14  
Date of Next Testing: 2028-05-16 18:44:14  
Product Name: **Cerium(IV) sulfate tetrahydrate**  
CAS Number: 10294-42-5  
Specifications & Purity: Analytical Reagent,98%  
Lot #: E2416027  
SKU #: **C102729**  
Version: **0**  
Analysis #: **253208**

Parameter	Limit Values	Result
insoluble matter in dilute H2SO4	0-0.01 (%)	0.01 %
(Pb)Lead	0-10 (ppm)	5.00 ppm
Copper(Cu)	0-10 (ppm)	6.00 ppm
Loss on drying(200 °C, 2 h)	15-20 (%)	15.01 %
Purity	98-100 (%)	99.97 %
Iron(Fe)	0-10 (ppm)	4.00 ppm
Phosphate(PO4)	0-100 (ppm)	99.00 ppm
Chloride (Cl-)	0-10 (ppm)	3.00 ppm
Appearance (C102729)	orange powder	orange powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager