

Certificate of Analysis

Date of Testing: 2024-09-20 15:08:12

Date of Next Testing: 2028-09-19 15:08:12

Product Name: **Cerium(IV) sulfate tetrahydrate**

CAS Number: 10294-42-5

Specifications & Purity: Analytical Reagent, 98%

Lot #: I2414213

SKU #: **C102729**

Version: **0**

Analysis #: **413428**

Parameter	Limit Values	Result
insoluble matter in dilute H ₂ SO ₄	0-0.01 (%)	0.00 %
(Pb)Lead	0-10 (ppm)	3.00 ppm
Copper(Cu)	0-10 (ppm)	5.00 ppm
Loss on drying(200 °C, 2 h)	15-20 (%)	17.83 %
Purity	98-100 (%)	100.00 %
Iron(Fe)	0-10 (ppm)	1.00 ppm
Phosphate(PO ₄)	0-100 (ppm)	28.00 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