

Certificate of Analysis

Date of Testing: 2024-10-15 18:58:53

Date of Next Testing: 2028-10-14 18:58:53

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

CAS Number: 10294-42-5

Specifications & Purity: AR, ≥98%

Lot #: J2414754

SKU #: **C102729**

Version: **0**

Analysis #: **420782**

Parameter	Limit Values	Result
insoluble matter in dilute H2SO4	0-0.01 (%)	0.00 %
(Pb)Lead	0-10 (ppm)	4.50 ppm
Copper(Cu)	0-10 (ppm)	2.90 ppm
Loss on drying(200 °C, 2 h)	15-20 (%)	18.35 %
Purity	98-100 (%)	100.00 %
Iron(Fe)	0-10 (ppm)	3.10 ppm
Phospate(PO4)	0-100 (ppm)	48.00 ppm
Chloride (Cl-)	0-10 (ppm)	3.80 ppm
Appearance (C102729)	orange powder	orange powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager