

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2026-03-20 16:45:56

Date of Next Testing: 2029-03-19 16:45:56

Product Name: **Hafnium(IV) dichloride oxide octahydrate (98+%-Hf, 1.5% Zr)**

CAS Number: 14456-34-9

Specifications & Purity: $\geq 98\%$ (metals basis excluding Zr), Zr < 1.5%

Lot #: C2617242

SKU #: **T20946**

Version **0**

Analysis #: **679430**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(metals basis excluding Zr)	98-100 (%)	98.07200 %
Zirconium(Zr)	0-1.5 (%)	1.47 %
Water by Karl Fischer	33-36 (%)	35.61 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance(T20946)	White powder	White powder

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

