

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

## Certificate of Analysis

Date of Testing: 2025-04-22 11:53:44

Date of Next Testing: 2029-04-21 11:53:44

Product Name: **Ytterbium fluoride**

CAS Number: 13760-80-0

Specifications & Purity: Anhydrous, 99.9% metals basis

Lot #: D2518487

SKU #: **S59202**

Version: **0**

Analysis #: **501695**

Storage Temperature: Room temperature, Argon charged

| Parameter                                  | Limit Values               | Result                     |
|--------------------------------------------|----------------------------|----------------------------|
| Purity(Based On Trace Rare Earth Analysis) | 99.9-100 (%)               | 99.97 %                    |
| Water by Karl Fischer                      | 0-1 (%)                    | 0.05 %                     |
| Trace Rare Earth Analysis                  | 0-2000 (ppm)               | 255.00 ppm                 |
| ICP:Confirms Ytterbium component           | Confirmed                  | Confirmed                  |
| X-Ray Diffraction                          | Conforms to Structure      | Conforms to Structure      |
| Appearance(S59202)                         | white to light grey powder | white to light grey powder |

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

