


**志越国际有限公司**  
**ZHIYUE INTERNATIONAL CO., LIMITED**

**Certification Of Analysis**

|                           |  |                       |   |
|---------------------------|--|-----------------------|---|
| 产品名称 Product name         | 二硅化钪 HfSi <sub>2</sub> powder                              |                       |   |
| 生产批号 Batch number         | ZY-S-20220721-01   |                       |   |
| 检测项目 Analysis Project     | 杂质元素含量 <b>Impurity element content</b>                     |                       |   |
| 检测方法 Analytical Technique | 全元素分析 <b>Inductively Coupled Plasma/Elemental analyzer</b> |                       |   |
| 检测标准 Analysis standard    | 志越企标: ZY-CJ-20150525-2                                     |                       |   |
| 检测结果<br>Test results      | 化学元素<br><b>Chemical composition</b>                        | 检测标准<br>Test standard | 检测结果<br>Test results  |
|                           | <b>Si</b>  | ≥21.5                 | 23.5  |
|                           | <b>O</b>   | ≤0.80                 | 0.78  |
|                           | <b>Fe</b>  | ≤0.10                 | 0.06  |
|                           | <b>Nb</b>  | ≤0.005                | 0.003   |
|                           | <b>W</b>   | ≤0.005                | 0.002   |
|                           | <b>Ti</b>  | ≤0.005                | 0.0004  |
|                           | <b>Cr</b>  | ≤0.001                | 0.0007  |
|                           | <b>Ni</b>  | ≤0.001                | 0.0007  |
|                           | <b>Mo</b>  | ≤0.001                | 0.001   |
|                           | <b>Mn</b>  | ≤0.005                | 0.004   |
|                           | 粒度 particle size   | D50:35-45um           | D50: 36.8um   |
|                           | 纯度 Purity  | 99.5%                 | 99.5%   |
|                           | 检测部门 Test department                                       | 检测结论 Conclusion       |   |
| 质量技术部                     |  |                       |   |
| 检测:                       |  | 审核:                   | 批准:  |
| 报告日期                      | 2022-08-03   |                       |   |

检验合格