**上海亚兴生物医药科技有限公司**

**Shanghai Abotchem Co.,Ltd**

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Certificate of analysis

|  |  |  |  |
| --- | --- | --- | --- |
| **Product Name** | **Stavudine** | **CAS No.** | 3056-17-5 |
| **Batch No.** | 20171101 | **Quantity** | 25kg |
| **MFG. Date** | November.12, 2017 | **EXP. Date** | November.11,2019 |

***TEST***

|  |  |  |
| --- | --- | --- |
| **Items** | **Specifications** | **Results** |
| **Appearance** | White or almost white powder | Conforms |
| **Identification** | Positive reaction | Conforms |
| **Specific rotation** | -45°～-40° | -44.0° |
| **Water** | ≤0.5% | 0.3% |
| **Residue on ignition** | ≤0.3% | ＜0.1% |
| **Heavy metals** | ≤0.002% | Conforms |
| **Chromatographic purity Thymine**  **Single impurity Total impurity** | ≤0.5%  ≤0.3%  ≤1.0% | 0.33%  0.20%  0.48% |
| **Assay (anhydrous)** | 98.0%-102.0% | 99.5% |

**Conclusion： It complies with Enterprise standard.**

Packing storage: in tight containers. The dry powder at controlled room temperature. Analyst: Gao Checker: Li Q.C. Director: Hong X.M.