



ShengChuan Biochem Co.,Ltd.

Address: No.6 Ke Xue Road, High-Tech Center District, Hefei,
Anhui, Hefei 230088, China

Ph: +86-18096609087

E-mail: sales@scbiochem.com

www.scbiochem.com

CERTIFICATE OF ANALYSIS

| | | | |
|--------------|-------------------|------------------|--------------|
| Product Name | Tianeptine sodium | Batch Number | SC20180912 |
| CAS No. | 30123-17-2 | Manufacture Date | Feb.12, 2019 |
| Quantity | 25.0 KG | Expiry Date | Feb.11,2021 |

| Testing Items | Specifications | Results | Test Standard |
|------------------------|---|--|---------------|
| Appearance | White to yellowish powder,very hygroscopic. | White crystalline powder,very hygroscopic. | Organoleptic |
| Solubility | Freetly soluble In water and methanol and dichloromethane | Conforms | USP |
| Identification | (1) By IR, To match with working standard | Conforms | USP |
| | (2) It gives reaction of sodium | Conforms | USP |
| Impurities A | ≤0.1% | Not detected | USP |
| Related compounds | Any Max single impurity≤0.1% | 0.07% | USP |
| | Total impurities≤0.4% | 0.35% | USP |
| Residual Solvents (GC) | Acetidin≤ 0.5% | Not detected | USP |
| | Dichloromethane≤ 0.06% | Not detected | USP |
| | Methanol≤ 0.3% | Not detected | USP |
| | Acetone≤ 0.5% | 0.32% | USP |
| | Acetonitrile≤0.041% | 0.026% | USP |
| | Ethanol≤0.5% | Not detected | USP |
| | N, N-dimethylformamide ≤ 0.088% | Not detected | USP |
| Water | ≤ 5.0% | 3.9% | USP |
| Assay (HPLC) | 99.0%-101.0% (On anhydrous basis) | 99.70% | HPLC |
| Conclusion | Meet the specifications. | | |

