

# Chem-Impex International, Inc.

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## Certificate of Analysis

|                                    |  |
|------------------------------------|--|
| <b>Catalogue Number</b>            | 96062  |
| <b>Product</b>                     | <b>Teicoplanin</b>   |
| <b>Lot Number</b>                  | F-1069122  |
|                                    | Teichomycin  |
| <b>CAS Number</b>                  | 61036-64-4   |
| <b>Molecular Formula</b>           | C <sub>142</sub> H <sub>245</sub> N <sub>12</sub> O <sub>69</sub> P  |
| <b>Molecular Weight</b>            | 3255.51  |
| <hr/>                              |  |
| <b>Appearance</b>                  | Off-white to light yellow powder   |
| <b>Solubility</b>                  | Passes test  |
| <b>Water Content (Karl Fisher)</b> | 2.3%   |
| <b>pH</b>                          | 6.8  |
| <b>Residual Solvents</b>           | Acetone : 0.2%<br>Ethanol : 0.1%   |
| <b>Bacterial Endotoxins</b>        | < 0.31 IU/g  |
| <b>Related Substances</b>          | A2-1 : 14.9%<br>A2-2 : 40%<br>A2-3 : 13.3%<br>A2-4 : 14.7%<br>A2-5 : 10.3%<br>Impurity A : 0.0%<br>Total impurities : 0.3% |
| <b>Assay</b>                       | Assay (TA2) : 92.2%<br>Assay (TA3) : 7.5%  |
| <b>Potency (Anhydrous Basis)</b>   | 1027 IU/mg (NaCl free subs.)   |
| <b>Storage</b>                     | Store at 2 - 8 °C  |
| <b>Additional Information</b>      | Identity : Passes test<br>Sodium Chloride : 0.3%   |
| <b>Country of Origin</b>           | China  |

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**Remarks**

See material safety data sheet for additional information

For laboratory use only

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**