

Chem-Impex International, Inc.

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Certificate of Analysis

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|------------------------------------|--|
| Catalogue Number | 22117 |
| Lot Number | 002682-160925016 |
| Product | Clindamycin 2-phosphate Clindamycin 2-dihydrogen phosphate |
| CAS Number | 24729-96-2 |
| Molecular Formula | C ₁₈ H ₃₄ ClN ₂ O ₈ PS |
| Molecular Weight | 504.96 |
| Appearance | White crystalline powder |
| Solubility | Freely soluble in water; slightly soluble in dehydrated alcohol; very slightly soluble in acetone; practically insoluble in chloroform, in benzene, and in ether |
| Odor | Odorless |
| Crystallinity | Meets the requirements |
| Water Content (Karl Fisher) | 0.8% |
| pH | 3.7 |
| Infrared Spectrum | Conforms to standard |
| Residual Solvents | Methanol : < 3000 ppm; Ethanol : 862 ppm; Acetone : < 5000 ppm; Pyridine : < 200 ppm |
| Bacterial Endotoxins | < 0.58 IU/mg |
| Related Substances | Lincomycin phosphate: 0.2%; Lincomycin: < 0.5%; Clindamycin B phosphate : 0.4%; 7-Epiclindamycin phosphate : 0.2%; Clindamycin 3- phosphate: 0.1%; Clindamycin : 0.1%; Any individual, un-specified impurity : 0.2%; Total impurities : 1.7% |
| Assay (anhydrous basis) | 837 µg/mg |
| Grade | USP |
| Storage | Store at 0-8 °C |
| Additional Information | Taste: Bitter |

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Catalog Number: 22117

Lot Number: 002682-160925016

Manufacturing Date 9/15/2016

Expiration Date 9/14/2018

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