

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|--------------------------|--|
| Catalogue Number | 38427 |
| Product | Mupirocin |
| Lot Number | 002948-01-202112064 |
| | Pseudomonic acid |
| CAS Number | 12650-69-0 |
| Molecular Formula | C ₂₆ H ₄₄ O ₉ |
| Molecular Weight | 500.63 |

| | |
|------------------------------------|--|
| Appearance | Almost white to white crystalline powder |
| Solubility | Slightly soluble in water, freely soluble in acetone, anhydrous ethanol and methylene chloride |
| Crystallinity | Passes test |
| Water Content (Karl Fisher) | 0.18% |
| pH | 3.85 |
| Infrared Spectrum | Conforms to structure |
| Residual Solvents | Ethyl acetate : 3079 ppm Isopropyl acetate : Not detected Acetone : Not detected N-heptane : Not detected |
| Related Substances | Impurity C : 1.4% Any other impurity : 0.9% Total impurity : 5% |
| Assay (anhydrous basis) | 960 µg/mg |
| Grade | USP |
| Storage | Store at RT |

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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