

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|------------------------------------|---|
| Catalogue Number | 03081 |
| Lot Number | 000127-1023731 |
| Product | <i>N</i>^α-Benzoyl-L-histidine Bz-L-His-OH |
| CAS Number | 5354-94-9 |
| Molecular Formula | C ₁₃ H ₁₃ N ₃ O ₃ |
| Molecular Weight | 259.3 |
| <hr/> | |
| Appearance | White powder |
| Solubility | Clear, colorless solution (50mg/mL in AcOH 80%) |
| Water Content (Karl Fisher) | 7.1% |
| TLC System | n-Butanol/acetic acid/water: 4/2/2 Ethylacetate/pyridine/acetic acid/water: 60/60/12/36 Chloroform/methanol/acetic acid 32% 5/3/1 Plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine, Pauly |
| Optical Rotation | [α] _D ²⁴ = 47.2 ° (C=1 in 0.7N HCL) |
| Infrared Spectrum | Conforms to structure |
| Purity by TLC | > 99% |
| Storage | Store at RT |

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