

Chem-Impex International, Inc.

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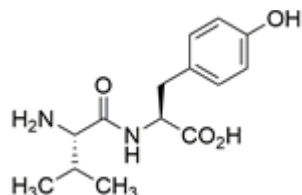
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

| | |
|-------------------|---|
| Catalogue Number | 09326 |
| Product | H-Val-Tyr-OH |
| CAS Number | 3061-91-4 |
| Molecular Formula | C ₁₄ H ₂₀ N ₂ O ₄ |
| Molecular Weight | 280.32 |

| | |
|-----------------------------|--|
| Appearance | White powder |
| Solubility | Clear colorless solution (50 mg/mL in water) |
| Elemental Analysis (Theory) | C : 58.48%, H : 7.29% and N : 9.74% calc. as x 0.4 water (2.5%) |
| Water Content (Karl Fisher) | ≤ 3% |
| TLC System | n-Butanol/Acetic acid/Water 4/2/2 Chloroform/Methanol/Acetic acid 32% 5/3/1 Ethylacetate/Pyridine/Acetic acid/Water 60/30/9/16.5 Plate : Silicagel 60 F254 Detected by : UV, Nihydrin, Chlorine-tolidine |
| Assay (Elemental analysis) | ≥ 96% (Nth : 9.99%) |
| Purity by TLC | ≥ 99% |
| Storage | Store at ≤ -15 °C. |

For Laboratory Use Only