

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|------------------------------------|---|
| Catalogue Number | 11256 |
| Lot Number | 000127-1014254 |
| Product | Tyr-Gly-Gly-OH L-Tyrosylglycylglycine |
| CAS Number | 21778-69-8 |
| Molecular Formula | C ₁₃ H ₁₇ N ₃ O ₅ |
| Molecular Weight | 295.3 |
| Appearance | White powder |
| Solubility | Clear colorless solution (5% in AcOH 80%) |
| Elemental Analysis (Found) | C = 50.06%; H = 6.30%; N = 13.39% (Calculated as 1xH ₂ O) |
| Water Content (Karl Fisher) | 1.1% |
| TLC System | Butanol/Acetic acid/Water (2:1:1) Butanol/Acetic acid/Water/Pyridine (30:6:24:20) Plate: Silica gel 60 F ₂₅₄ Detected by UV, Ninhydrin, chlorine-tolidine |
| Optical Rotation | [α] _D ²⁴ = +55.5° (C=1 in 5.5 N HCl) |
| Purity by TLC | > 99% |
| Storage | Store at 2-8 °C |
| 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