



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalog Number	04-425
Product Name	Bz-Phe-OH <i>N</i> -Benzoyl-L-phenylalanine
Lot Number	1018941
CAS Registry Number	2566-22-5
Molecular Formula	C ₁₆ H ₁₅ NO ₃
Molecular Weight	269.3
Appearance	White powder
Solubility	Clear, colorless solution (50mg/ml in MeOH)
Melting Range	141°C
Elemental Analysis	Theory: C = 71.4 %, H = 5.60 %, N = 5.20 % Found: C = 71.29 %, H = 5.7 %, N = 5.1 %
Identification by TLC	Complies to authentic material
Purity (TLC)	Purity by TLC > 99 %
CHCl₃/MeOH/toluene/H₂O (8/8/8/1)	Plate Silicagel 60 F ₂₅₄
Toluene/dioxane/acetic acid (95/25/4)	Detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	Based on Carbon content: 100.0% Theory C: 71.36%, Found C: 71.39%
Storage	Store at RT