



# INDOFINE Chemical Company, Inc.

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## *Certificate of Analysis*

**Catalogue Number** 04-425  
**Lot Number** 120531-13310  
**Product** **Benzoyl-L-phenylalanine**

Bz-L-Phe-OH

**CAS Number** 2566-22-5  
**Molecular Formula** C<sub>16</sub>H<sub>15</sub>NO<sub>3</sub>

**Molecular Weight** 269.3

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**Appearance** White powder  
**Solubility** Clear solution (1 mmol in 2mL DMF)  
**Melting Point** 136.2-140.1 °C  
**Water Content (Karl Fisher)** 1.88%  
**Optical Rotation** [α]<sub>D</sub><sup>20</sup> = -37.1° (C=1 in MeOH)  
**Infrared Spectrum** Conforms to structure  
**Analysis by Mass Spectra** Conforms to structure  
**Loss on Drying** 2.0% (60 °C, 2h)  
**<sup>1</sup>H NMR** Conforms to structure  
**Purity by HPLC** 98.90%  
**Storage** Store at 2-8 °C

Prepared by:  
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VP