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Certificate of Analysis

Catalogue Number 03123
Lot Number 000424-170407-13310
Product **Benzoyl-L-phenylalanine**

Bz-L-Phe-OH

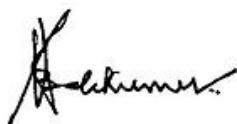
CAS Number 2566-22-5
Molecular Formula C₁₆H₁₅NO₃

Molecular Weight 269.3

Appearance White powder
Solubility Clear solution (1 mmol in 2mL DMF)
Melting Point 136.3 - 139.2 °C
Water Content (Karl Fisher) 1.383%
Optical Rotation [α]²⁰_D = - 44.6 ° (C=1 in MeOH)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 1.16% (60 °C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 98.61%
Storage Store at 0-8°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