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Certificate of Analysis

Catalogue Number	03017
Product	Benzoyl-L-alanine
Lot Number	000424-170428-10874 Bz-L-Ala-OH
CAS Number	2198-64-3
Molecular Formula	C ₁₀ H ₁₁ NO ₃
Molecular Weight	193.2
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Appearance	White powder
Solubility	Clear solution (0.3 gram in 2ml DMF)
Melting Point	138.9 - 139.0 °C
Water Content (Karl Fisher)	0.150%
Optical Rotation	[α] _D ²⁰ = + 33.2 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.37% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.79%
Storage	Store at 0-8 °C

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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