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Certificate of Analysis

Catalogue Number	03047
Lot Number	000424-230328-13015
Product	S-Benzyl-L-cysteine L-Cys(Bzl)-OH
CAS Number	3054-01-1
Molecular Formula	C ₁₀ H ₁₃ NO ₂ S
Molecular Weight	211.3

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL 1N NaOH)
Melting Point	198.6 - 199.5 °C
Optical Rotation	[α] ²⁰ _D = 24 ° (C=1 in 1N NaOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.36% (100 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.89%
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