

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	23089
Lot Number	000603-010715
Product	(+)-Biotin-(PEO)₃-maleimide
Molecular Formula	C ₂₀ H ₃₀ N ₄ SO ₆
Molecular Weight	454.54
Appearance	Solid
Melting Point	85-87 °C
TLC System	One spot Silica gel 60 100:5:1 CH ₂ Cl ₂ :methanol:acetic acid R _f =0.15
¹H NMR	Conforms to structure
Purity	99.2% (NMR)
Purity by TLC	> 99%
Storage	Store at ≤ -20 °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