

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	23155
Lot Number	000603-021518
Product	(+)-Biotin-X-X-sulfo-NHS
Molecular Formula	C ₂₆ H ₄₀ N ₅ S ₂ O ₁₀ Na
Molecular Weight	669.75
Melting Point	> 250 °C
Elemental Analysis (Theory)	C = 46.6 ± 0.5%; H = 6.0 ± 0.5%; N = 10.5 ± 0.5%
Elemental Analysis (Found)	C = 46.60%; H = 6.02%; N = 10.45%
TLC System	Isopropanol/Acetic acid/Water (5:2:3), R _f = 0.81 Plate: Silica gel 60 F ₂₅₄
¹H NMR	Conforms to structure
Purity	99.8%
Purity by TLC	One Spot
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