



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalog Number	04-948
Product Name	BOC-Gln(Xan)-OH N ^α -(t-Butyloxycarbonyl)-N ^γ -xanthyl-L-glutamine
Lot Number	32421295
CAS Registry Number	55260-24-7
Molecular Formula	C ₂₃ H ₂₆ N ₂ O ₆
Molecular Weight	426.5
Assay (N)	101%
(α ²⁰ _D)	-2.7° (c=1, in C ₂ H ₅ OH)
Assay (Titration)	99+%
Assay (TLC)	99+%
Enantiomeric Purity	99+%
Free Amino Acids	<0.2%
Other Amino Acids	0.1%
Loss of Weight	<1%
Residue on Ignition (SO ₄)	<0.2%
Water Content (KF)	<0.5%
Ash Content	<0.1%