

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalog Number</b>	01395
<b>Product Name</b>	BOC-D-Tyr(2,6-di-Cl-Bzl)-OH N <sup>α</sup> -(t-Butyloxycarbonyl)-O-(2,6-dichlorobenzyl ether)-D-tyrosine
<b>Lot Number</b>	026213
<b>CAS Registry Number</b>	69541-62-4
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>23</sub> Cl <sub>2</sub> NO <sub>5</sub>
<b>Molecular Weight</b>	440.33
<b>Melting Point</b>	106° - 107°C
<b>Specific Rotation</b>	-20.3° (c=1, EtOH)
<b>Solubility</b>	Clear solution (100mg/ml) in CH <sub>2</sub> Cl <sub>2</sub>
<b>Thin Layer Chromatography</b>	
<b>Silica</b>	
<b>CHCl<sub>3</sub>:MeOH:HOAc</b>	Ninhydrin
<b>85:10:5</b>	R <sub>f</sub> = 0.75, Single spot running with the standard
<b>Silica</b>	Ninhydrin
<b>CHCl<sub>3</sub>:MeOH:HOAc</b>	R <sub>f</sub> = 0.58, Single spot running with the standard
<b>95:5:3</b>	Ninhydrin
<b>Silica</b>	R <sub>f</sub> = 0.60, Single spot running with the standard
<b>CHCl<sub>3</sub>:MeOH:HOAc:H<sub>2</sub>O</b>	
<b>10:10:1:10 (lower phase)</b>	
<b>Remarks</b>	See material safety data sheets for additional information. For laboratory use only.

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Sashi Kumar**  
Quality Control Manager