

# *Chem-Impex International, Inc.*

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## Certificate of Analysis

<b>Catalog Number</b>	04024
<b>Product Name</b>	Boc-Trp(For)-OSu
<b>Lot Number</b>	0536044
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>23</sub> N <sub>3</sub> O <sub>7</sub>
<b>Molecular Weight</b>	429.44
<b>Appearance</b>	White powder
<b>Solubility</b>	Clear, colorless solution (50mg/ml in acetone)
<b>Melting Point</b>	155-158 °C
<b>CHN-Analysis</b>	
<b>Elemental Analysis (Theory)</b>	C 58.74 %, H 5.40 %, N 9.78 %
<b>Elemental Analysis (Found)</b>	C 58.75 %, H 5.04 %, N 9.75 %
<b>Assay (TLC)</b>	Purity by TLC >98%
<b>Benzene/Dioxane/Acetic acid 95/25/4 (v/v/v)</b>	Detected by UV, Ninhydrin, chlorine-tolidine.
<b>Chloroform/Methanol/Acetic acid 90/8/2 (v/v/v)</b>	
<b>Chloroform/Ethyl acetate/ Acetic acid 50/50/2 (v/v/v/v)</b>	
<b>Plate Silicagel 60 F<sub>254</sub></b>	
<b>Purity HPLC</b>	98%
<b>Storage</b>	Store at -0°C.
<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

A handwritten signature in black ink, appearing to read 'Sashi Kumar', written in a cursive style and underlined.

**Sashi Kumar**  
**Quality Control Manager**