

Chem-Impex International, Inc.

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825 Dillon Drive
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Certificate of Analysis

Catalog Number	06252
Product Name	H-Tyr(tBu)-OAll•HCl O-t-Butyl-L-tyrosine allyl ester hydrochloride
Lot Number	0572102
Molecular Formula	C ₁₆ H ₂₃ NO ₃ •HCl
Molecular Weight	313.9
Appearance	White product
Solubility	Clear, colorless solution (50mg/ml in Methanol)
Melting Point	125 °C
CHN-Analysis	
Elemental Analysis (Theory)	C 61.24%, H 7.71%, N 4.46%
Elemental Analysis (Found)	C 61.26%, H 7.88%, N 4.38%
Assay (Elemental Analysis)	100% Based on Carbon content
Assay (Elemental Analysis)	Theory C 61.24% Found C 61.26%
Identification (TLC)	Conforms with authentic material
Assay by TLC	> 99 %
Chloroform/methanol/toluene/ H₂O 8/8/8/1	Detected by: UV, Ninhydrin, Chlorine-Tolidine
Chloroform/methanol/acetic acid (98-100%)/H₂O 45/13/12	
Plate Silicagel 60 F₂₅₄	
Chloride Content (titration)	11.1%
Storage	Store at 0-5°C.
Remarks	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 with a long horizontal stroke extending to the left.

**Sashi Kumar
Quality Control Manager**