

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalog Number	03233
Product Name	Boc-D-Tyrosinol(Bzl) Boc-O-(benzyl ether)-D-tyrosinol
Lot Number	3233-0420-99-V
Molecular Formula	C ₂₁ H ₂₇ NO ₄
Molecular Weight	357.4
Melting Point	105-106°C(crystlas from Ethyl acetate/hexane)
Optical Rotation	$\alpha_D = +19.6^\circ\text{C}$ (C=1 MeOH)
Chromatography:	Methylene chloride:acetone 19:1 R _f = 0.28 (single spot)
TLC	Ethyl acetate:hexane 1:1 R _f = 0.58 (single spot)
HPLC	Purity >98 %, Vydac C ₁₈ column, gradient elution 50-95% B in 25 min., t _R =10.12 min, $\epsilon=214$ nm, flow rate 1ml/min, injection 1 μ l of 0.5% solution in methanol A=Water:trifluoroacetic acid (100:0.5) B=Acetonitrile:Water:trifluoroacetic acid (90:10:0.38)
Storage	Store in cooler.
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



Sashi Kumar
Quality Control Manager