

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

Catalogue Number	05551
Product	<i>N</i>^α-Boc-<i>N</i>^ε-2-bromo-<i>Z</i>-L-lysine
Lot Number	517269 Boc-L-Lys(2-Br-Z)-OH
CAS Number	47592-74-5
Molecular Formula	C ₁₉ H ₂₇ BrN ₂ O ₆
Molecular Weight	459.34

Appearance	White powder
Solubility	Clear, colorless solution (50mg/mL in Methanol)
Melting Point	73-77 °C
Elemental Analysis (Theory)	C = 49.68%; H = 5.92%; N = 6.10%
Elemental Analysis (Found)	C = 49.44%; H = 5.94%; N = 6.08%
TLC System	Chloroform/Methanol/Benzene/H ₂ O (8:8:8:1) Chloroform/Methanol/Acetic acid (90:8:2) Benzene/Dioxane/Acetic acid (95:25:4) Chloroform/Ethyl Acetate/Acetic acid (50:50:2) Plate: Silica gel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Purity by TLC	> 99%
Storage	Store at 0-8°C

Certificate of Analysis

Catalog Number: 05551

Lot Number: 517269

Remarks

See material safety data sheet for additional information

For laboratory use only

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



Bala Kumar
Quality Control Manager