

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

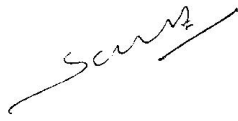
Manufacturing site:

825 Dillon Drive
Wood Dale, IL 60191

Certificate of Analysis

Catalog Number	06302
Product Name	Boc-Dap(bromoacetyl)-OH
Lot Number	0548861
CAS Registry Number	135630-90-9
Molecular Formula	C ₁₀ H ₁₇ N ₂ O ₅ Br
Molecular Weight	325.2
Appearance	White powder
Solubility	Clear, colorless solution (50mg/ml in Ethyl Acetate)
Optical Specific Rotation (α_D^{24})	-13.8° (1% CH ₃ OH)
CHN-Analysis	Calc. as 0.04 Hexane
Elemental Analysis (Theory)	C 37.37%, H 5.37%, N 8.54%
Elemental Analysis (Found)	C 37.54%, H 5.47%, N 8.43%
Assay (TLC)	Purity by TLC >98%
Chloroform/Methanol/Acetic acid/H₂O 45/13/1/2 (v/v/v/v)	Detected by UV, Ninhydrin, chlorine-tolidine.
CHCl₃/MeOH/Benzene/H₂O 8/8/8/1 (v/v/v/v)	
Ethyl acetate/Pyridine/Acetic acid/H₂O 60/10/3/4 (v/v/v/v)	
Plate Silicagel 60 F₂₅₄	
Residual Solvents	0.9% Hexane
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