

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	06564
Product Name	Z-Ser(Bzl)-OSu Z-O-benzyl-L-serine N-hydroxysuccinimide ester
Lot Number	550327
Molecular Formula	C ₂₂ H ₂₂ N ₂ O ₇
Molecular Weight	426.43
Appearance	White Powder
Solubility	Clear, colorless solution (50 mg/ml in dioxane)
Specific Optical Rotation α^{24}_D	+11.8° (0.5 % in dioxane)
Melting Range	80-83 °C
CHN Analysis (FOUND)	C 61.81 H 5.44 N 6.56
CHN Analysis (THEORY)	C 61.97 H 5.20 N 6.57
Identity (TLC)	
Benzene/dioxane/acetic acid 95/25/4 (v/v/v)	Plate silicagel: 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine, ammoniumolybdate
Chloroform/ethylacetate/acetic acid 50/50/2 (v/v/v)	Methanol 80% Plate: RP-8
Purity(TLC)	>98%
Assay	99.7%
Storage	Store at -0°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 and underlined.

Sashi Kumar
Quality Control Manager