Chem-Impex International, Inc.

Tel: (630) 766-2112 Fax: (630) 766-2218

E-mail: sales@chemimpex.com Web site: www.chemimpex.com

Shipping and Correspondence:935 Dillon Drive
825 Dillon Drive

Wood Dale, IL 60191 Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 02206

Lot Number 002058-20140929

Product N^{α} -Z-L-lysine benzyl ester benzenesulfonate

salt

 $Z\text{-}L\text{-}Lys\text{-}OBzl\bullet Benzene sulfonate$

CAS Number 68973-36-4 Molecular Formula C₂₇H₃₂N₂O₇S

Molecular Weight 528.5

Appearance Off-white solid

Optical Rotation [a] $_{D}^{25} = -13.3^{\circ}$ (C=1 in MeOH)

13C NMR Conforms to structure
 1H NMR Conforms to structure

Purity by HPLC > 95%

Storage Store at 0-8 °C

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