

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	03012
Product Name	H-Ala-OBzl•Tos L-Alanine benzyl ester p-toluenesulfonate salt
Lot Number	200510001
CAS Registry Number	42854-62-6
Molecular Formula	$C_{10}H_{13}NO_2 \cdot C_7H_8SO_3$
Molecular Weight	351.4
Appearance	White fine crystals
Solubility	Clear and colorless
Melting point	114.1-114.4 °C
Specific Optical Rotation	$\alpha_D^{20} = -6.6^\circ$ (C=3 in MeOH)
Identification by IR	Complies
Assay by TLC	One spot only
Limit of free Alanine	< 0.25%
Purity (HPLC)	99.8%
Water content (KF)	0.005%
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



Sashi Kumar
Quality Control Manager