

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	08474
Lot Number	2070190704
Product	D-Norvaline benzyl ester 4-toluenesulfonate salt D-Nva-OBzl•TosOH D-2-Aminovaleric acid-benzyl ester 4-toluenesulfonate salt
CAS Number	218962-76-6
Molecular Formula	C ₁₂ H ₁₇ NO ₂ ·C ₇ H ₈ O ₃ S
Molecular Weight	379.48

Appearance	White powder
Solubility	Soluble in Methanol
Melting Point	143 - 145 °C
Optical Rotation	[α] _D ²⁵ = 3.5 ± 1° (C=1 in MeOH)
Purity by HPLC	98%
Storage	Store at 2-8 °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