

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

Product Specifications

Catalogue Number	08916
Product	L-Lysine β-naphthylamide carbonate salt L-Lys- β NA•carbonate salt
CAS Number	18905-74-3
Molecular Formula	C ₁₆ H ₂₁ N ₃ O
Molecular Weight	271.36
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Appearance	White powder
Solubility	Clear colorless solution (50 mg/mL in Acetic acid 80%)
Melting Point	151-155 °C
Water Content (Karl Fisher)	≤ 0.5%
TLC System	Chloroform/Methanol/Acetic acid 32% (5:3:1) Isopropanol/Ammonia conc. (1:1) n-Butanol/Acetic acid/Water (4:2:2) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, TMB
Related Substances	≤ 0.2% (2-Naphthol)
Purity by TLC	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only