

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	08916
Product	L-Lysine β-naphthylamide carbonate salt
Lot Number	000127-1069961 L-Lys- β NA•carbonate salt
CAS Number	18905-74-3
Molecular Formula	C ₁₆ H ₂₁ N ₃ O
Molecular Weight	271.36

Appearance	White powder
Solubility	Clear, colorless solution (50 mg/mL in Acetic acid 80%)
Melting Point	153 °C
Water Content (Karl Fisher)	0.3%
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% β NA (2-Naphthol)
Assay by titration	79.9% (HClO ₄)
Purity by TLC	> 99%
Storage	Store at 0-8 °C

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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