Chem-Impex International, Inc.

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825 Dillon Drive

Shipping and Correspondence: Manufacturing site:

Wood Dale, IL 60191 Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 02108

935 Dillon Drive

Lot Number 001529-504379

Product L-Pyroglutamic acid-β-naphthylamide

L-Pyr-βNA

CAS Number 22155-91-5 Molecular Formula C₁₅H₁₄N₂O₂

Molecular Weight 254.3

Appearance White powder

Solubility Clear, colorless solution (C=2% in MeOH) **TLC System** Chloroform/Methanol/Acetic acid 32% (5:3:1)

Acetonitrile/Chloroform/Acetic acid (8:1:1)

Detection: UV, NH, IRH

Purity by HPLC 99.9% Purity by TLC > 99%

Storage Store at 0-8 °C

Retest Date 1/31/2020

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