

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	04632
<b>Lot Number</b>	000129-12062
<b>Product</b>	<b>L-Pyroglutamic acid 4-nitroanilide</b> L-Pyr-pNA
<b>CAS Number</b>	66642-35-1
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>11</sub> N <sub>3</sub> O <sub>4</sub>
<b>Molecular Weight</b>	249.2

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**Appearance** Light yellow crystalline powder

**Melting Point** 218 - 220 °C

**Optical Rotation** [α]<sub>D</sub><sup>20</sup> = 11.7 ° (C=1 in DMF)

**Purity by HPLC** 99.8%

**Purity by TLC** > 99%

**Storage** Store at 0 - 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**