

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	41757
<b>Lot Number</b>	000933-01
<b>Product</b>	<b>Phenylthiohydantoin-(N<sup>ε</sup>-phenylthiocarbonyl)-</b> PTH-(N <sup>ε</sup> -PTC)-lysine
<b>CAS Number</b>	29635-94-7
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>22</sub> N <sub>4</sub> OS <sub>2</sub>
<b>Molecular Weight</b>	398.54

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<b>Appearance</b>	Almost white powder
<b>Solubility</b>	Almost transparent solution in hot methanol
<b>Melting Point</b>	164.6 °C
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay by titration</b>	99.4%
<b>Purity by HPLC</b>	99.8%
<b>Storage</b>	Store at RT
<b>Remarks</b>	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**