

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	16226
<b>Product</b>	<b><i>N</i><sup>α</sup>-Tritvl-D-asparagine</b>
<b>Lot Number</b>	000129-05555
	Trt-D-Asn-OH
	Trt-( <i>R</i> )-2-aminosuccinic acid 4-amide
<b>CAS Number</b>	19892-86-5
<b>Molecular Formula</b>	C <sub>23</sub> H <sub>22</sub> N <sub>2</sub> O <sub>3</sub>
<b>Molecular Weight</b>	374.5

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<b>Appearance</b>	Off-white crystalline powder
<b>Melting Point</b>	156 - 158 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 8 ° (C=1 in MeOH)
<b>Assay by titration</b>	98.4%
<b>Purity by HPLC</b>	98.7%
<b>Purity by TLC</b>	> 99%
<b>Storage</b>	Store at 0-8 °C
<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**