

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	15675
<b>Product</b>	<b>(S)-3-Amino-3-(2,3-dimethoxyphenyl)propionic acid</b>
<b>Lot Number</b>	038648
	L-β-Phe(2,3-dimethoxy)-OH
	(S)-2,3-Dimethoxy-β-phenylalanine
<b>CAS Number</b>	752198-18-8
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>15</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	225.24

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<b>Appearance</b>	Yellow powder
<b>Melting Point</b>	199 °C (dec.)
<b>TLC System</b>	Chloroform/Methanol/Acetic acid (90:8:2) Single spot Chloroform/Methanol/Benezene/Water (8:8:8:1) Single spot Visualized with UV/Iodine
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = -4.4° (C=1 in 0.5N NaOH)
<b>Purity by HPLC</b>	98%
<b>Chiral Purity</b>	93% (ee)
<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