

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	22729
<b>Lot Number</b>	000630-37135
<b>Product</b>	<b>(2S)-2-Amino-5-(5-methyl-4-oxo-4,5-dihydro-1H-imidazol-2-ylamino)pentanoic acid</b>
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>16</sub> N <sub>4</sub> O <sub>3</sub>
<b>Molecular Weight</b>	228.25

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<b>Appearance</b>	White Powder
<b>Solubility</b>	0.7 mg/mL in 0.1% TFA in water
<b>Analysis by Mass Spectra</b>	[M+H] <sup>+</sup> = 229.1
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	96.0%
<b>Storage</b>	Store at 0-8°C
<b>Additional Information</b>	Acetone 1.3%; TFA content 0.1%, Water Content: 10.8%
<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