

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	11028
<b>Product</b>	<b>Cyclo(L-Asp-L-Phe)</b>
<b>Lot Number</b>	003249-230722-203 Cyclo(-Asp-Phe) (2S)-cis-(-)-5-Benzyl-3,6-dioxo-2-piperazineacetic acid
<b>CAS Number</b>	5262-10-2
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>14</sub> N <sub>2</sub> O <sub>4</sub>
<b>Molecular Weight</b>	262.27

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<b>Appearance</b>	White to off-white powder
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = -9 ° (C=0.9 in acetic acid)
<b>Purity by HPLC</b>	99.25%
<b>ESI-MS</b>	MW : 262.26 (Theoretical)
<b>Storage</b>	Store at ≤-4°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