

# Chem-Impex International, Inc.

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Manufacturing site:

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## Certificate of Analysis

<b>Catalog Number</b>	00588
<b>Product Name</b>	H-Arg-Asp-OH L-Arginine-L-asparagine
<b>Lot Number</b>	123258
<b>CAS Registry Number</b>	15706-88-4
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>19</sub> N <sub>5</sub> O <sub>5</sub>
<b>Molecular Weight</b>	289.3
<b>Water</b>	12.0%
<b>optical rotation</b>	+25.6°C (c=1% in water)
<b>Assay (TLC)</b>	Purity by TLC.....>99%
	detected by: UV, Ninhydrin, Chlorine-tolidine
<b>Isopropanol/ammonia conc (v/v)</b>	
1/1	
<b>n-Butanol/Acetic acid/H<sub>2</sub>O</b>	
4/2/2 (v/v/v)	
<b>Plate Silicagel 60 F<sub>254</sub></b>	
<b>Storage</b>	Store at -0°C.
<b>Remarks</b>	See material safety data sheets for additional information. For laboratory use only.

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Sashi Kumar**  
Quality Control Manager