

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	14801
Lot Number	000127-1024235
Product	Cyclo(-L-Ala-L-Glu)

Cyclo(-Ala-Glu)

CAS Number	16364-36-6
Molecular Formula	C ₈ H ₁₂ N ₂ O ₄

Molecular Weight	200.19
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Appearance	White powder
Solubility	Clear, colorless solution (25 mg/Ll in Acetic acid 80%)
Elemental Analysis (Theory)	C = 48.00%; H = 6.04%; N = 13.99%
Elemental Analysis (Found)	C = 48.03%; H = 6.03%; N = 13.92%
TLC System	Chloroform/Methanol/Acetic acid (77.5:15:7.5) Chloroform/Methanol/Acetic acid(98-100%)/H ₂ O (45:13:1:2) Ethylacetate/Pyridine/Acetic acid/H ₂ O (60:20:6:11) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Assay	99.5% (Nth 13.99%, Nfd 13.92%)
Purity by TLC	> 99%
ESI-MS	m = 200.0 u (average mass)
Storage	Store at ≤ -4 °C

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Remarks

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

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager