

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	04927
Lot Number	000127-0565526
Product	<i>N</i>^α-Fmoc-<i>N</i>^{α'}-Boc-diaminoacetic acid

Boc-α-(Fmoc-amino)-DL-Gly-OH

CAS Number	176039-39-7
Molecular Formula	C ₂₂ H ₂₄ N ₂ O ₆
Molecular Weight	412.44

Appearance	White powder
Solubility	Clear colorless solution (50 mg/mL in dioxane)
Melting Point	167 °C
Elemental Analysis (Found)	C=64.1%, H=6.0%, N=6.7%
TLC System	Chloroform / methanol / acetic acid , 85:10:5 Chloroform / methanol / acetic acid / water , 70:42:0.5:10 Plate : Silicagel 60 F ₂₅₄ Detected by : UV, Ninhydrin, Chlorine-tolidine
Purity by HPLC	98.1%
Purity by TLC	> 99%
ESI-MS	M = 412.1 u
Storage	Store at 0-8°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