



# INDOFINE Chemical Company, Inc.

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## Certificate of Analysis

Catalog Number	04-1236
Product Name	FMOC-D-Cha-OH N <sup>α</sup> -(9-Fluorenylmethyloxycarbonyl)-β-cyclohexyl-D-alanine
Lot Number	020206-1
Molecular Formula	C <sub>24</sub> H <sub>27</sub> NO <sub>4</sub>
Molecular Weight	393.5
Melting Point	122-124 °C
Specific Rotation, [α] <sub>D</sub> <sup>20</sup>	+22.15° (c=1.0, DMF)
Purity (HPLC)	99 %
Storage	Store at 0-5 °C

## HPLC Conditions

Column	Beckman Ultrasphere 5 μm, 250x4.6 mm, 150 Å
Guard Column	Supel Guard LC-18-DB, 2 cm
Retention Time, min	14.31
Sample preparation	2 mg/1 ml 100 % Acetonitrile/THF
Injection volume, μl	5
Method /Detection at, nm	<b>Gradient</b> 40-90% B A = 99.9% Water, 0.1% TFA B = 95% Acetonitrile, 4.9% Water, 0.1% TFA 30 min, flow rate = 1.0 ml / min

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