



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

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CERTIFICATE OF ANALYSIS

Catalog Number: 22-415

Product Name: **N-Cbz-4-NITROPHENYLALANINE**
(N-Cbz-4-NPA)

Lot Number: 1702757

Chemical Formula: C₁₈H₁₈O₆N₂

Molecular Weight: 358.35

Melting Point: 118-120°C (lit.)

Appearance: Off white powder

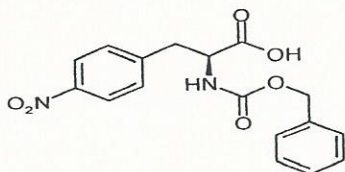
Solubility: Soluble in methanol

TLC: Methanol:MDC (1:9)

NMR Spectrum: Enclosed (Conforms to the structure)

Storage: Store in a cool, dry place

Purity(HPLC): 99.25%





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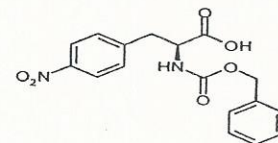
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HPLC ANALYSIS

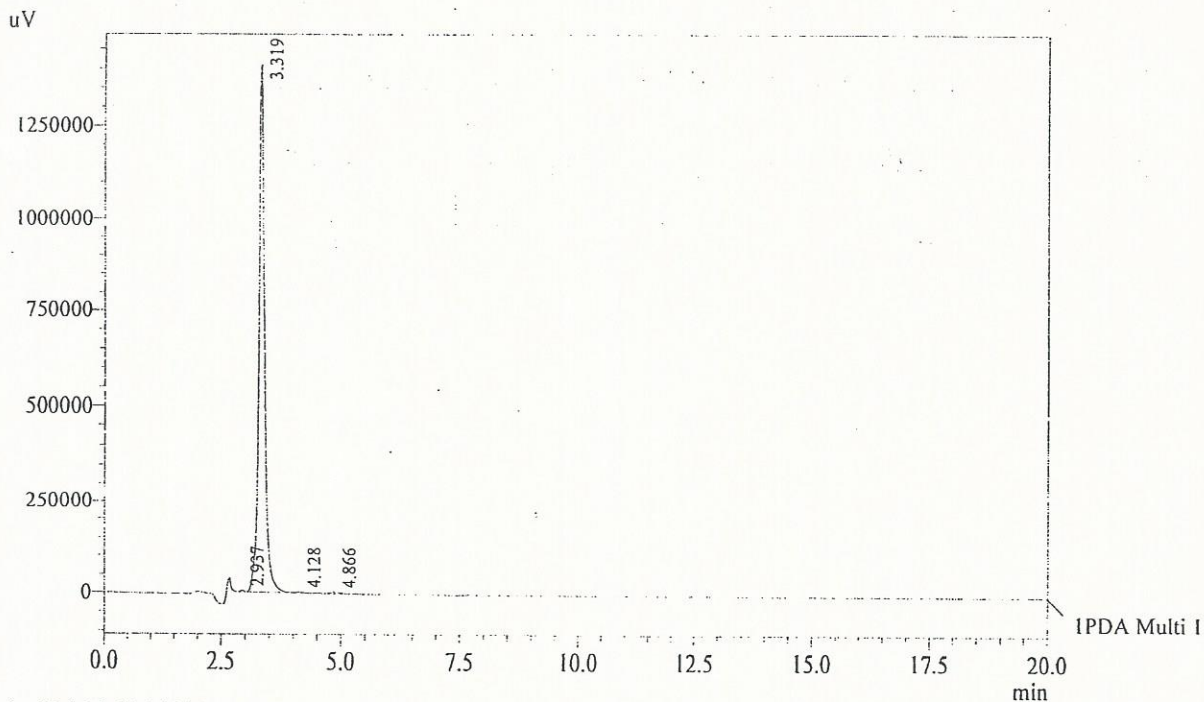
Acquired by : Admin
Sample Name : N-CBZ-4NPA
Sample ID : 1.3kg
Injection Volume : 20 uL
Data Filename : 280416A.lcd
Method Filename : Isocratic Method.lcm

Catalog No.: 22-415
Product Name: N-Cbz-4-Nitrophenylalanine
Lot No.: 1702757



Column : Gemini C-18(2), (250mm x4.6mm 5.0μ)
Flow : 1.000 mL/min.
Mobile Phase : A(20% of 0.05% TFA in water) B(80% of Acetonitrile)

Chromatogram



I PDA Multi I / 210nm 4nm

PeakTable

PDA Ch1 210nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:2.937	2.937	19008	0.16	0.00
2	RT:3.319	3.319	11554801	99.25	0.00
3	RT:4.128	4.128	22680	0.19	0.00
4	RT:4.866	4.866	46104	0.40	0.00
Total			11642593	100.00	