



# 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](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## Analytical Data Sheet

Lot number

**1029493**

Catalog Number

04-2700

Product

H- Val- Ile- OH

Molecular formula

$C_{11}H_{22}N_2O_3$

Relative molecular mass

230.31

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in AcOH 80 %)								
Identification (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 57.4 %</td><td>C = 57.4 %</td></tr><tr><td>H = 9.6 %</td><td>H = 9.8 %</td></tr><tr><td>N = 12.2 %</td><td>N = 12.1 %</td></tr></tbody></table>	Theory	Found	C = 57.4 %	C = 57.4 %	H = 9.6 %	H = 9.8 %	N = 12.2 %	N = 12.1 %
Theory	Found								
C = 57.4 %	C = 57.4 %								
H = 9.6 %	H = 9.8 %								
N = 12.2 %	N = 12.1 %								
Identification (TLC)	conforms with authentic material								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 6/5/1/3 n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine								
Assay (elemental analysis)	99.6% (Nth 12.16 %, Nfd 12.11 %)								
Water content (KF volumetric)	0.5%								
Latest update: March 01, 2010									

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