



# INDOFINE Chemical Company, Inc.

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## Certificate of Analysis

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Catalog Number    | 04-2230                                         |
| Product Name      | H-DL-Phe(4-F)-OH<br>4-Fluoro-DL-phenylalanine   |
| Lot Number        | 010807-1                                        |
| Molecular Formula | C <sub>9</sub> H <sub>10</sub> FNO <sub>2</sub> |
| Molecular Weight  | 183.2                                           |
| Melting Point     | 258-260°C (dec.)                                |
| 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  | 7.00                                        |
| Sample preparation   | 2 mg/1 ml 100% Acetonitrile/Water           |
| Injection volume, µl | 5                                           |
|                      | 10-60% A(2)                                 |
|                      | 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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