

## PRODUCT IDENTITY

|                 |             |                |                                                                                                                                      |
|-----------------|-------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------|
| PRODUCT NAME    | Boc-Phe-OMe | PRODUCT NUMBER | B136644                                                                                                                              |
| Grades & Purity | ≥98%        | VERSION        | 3                                                                                                                                    |
| CAS NUMBER      | 51987-73-6  | FORMULA        | C <sub>6</sub> H <sub>5</sub> CH <sub>2</sub> CH[NHCO <sub>2</sub> C(CH <sub>3</sub> ) <sub>3</sub> ]CO <sub>2</sub> CH <sub>3</sub> |
| FORMULA WEIGHT  | 279.33g/mol |                |                                                                                                                                      |

## ACCEPTANCE CRITERIA

| PARAMETER                                           | SPECIFICATION / LIMIT                               |
|-----------------------------------------------------|-----------------------------------------------------|
| Melting point                                       | 37-41 (°C)                                          |
| Purity(HPLC)                                        | 98-100 (%)                                          |
| Specific Rotation [α] <sub>20/D</sub> (c=2 in MeOH) | -5--3 (°)                                           |
| Nitrogen by Elemental Analysis                      | 4.7-5.3 (%)                                         |
| Carbon by Elemental Analysis                        | 62.9-66.1 (%)                                       |
| Appearance (B136644)                                | white to Yellow to Yellow-Orange Powder to crystals |
| Infrared spectrum                                   | Conforms to Structure                               |