

## PRODUCT IDENTITY

|                 |               |                |                                                 |
|-----------------|---------------|----------------|-------------------------------------------------|
| PRODUCT NAME    | Boc-D-Valinol | PRODUCT NUMBER | B117155                                         |
| Grades & Purity | ≥98%          | VERSION        | 3                                               |
| CAS NUMBER      | 106391-87-1   | FORMULA        | C <sub>10</sub> H <sub>21</sub> NO <sub>3</sub> |
| FORMULA WEIGHT  | 203.28g/mol   |                |                                                 |

## ACCEPTANCE CRITERIA

| PARAMETER                                                      | SPECIFICATION / LIMIT            |
|----------------------------------------------------------------|----------------------------------|
| Purity(GC)                                                     | 98-100 (%)                       |
| Specific Rotation [α] <sub>20/D</sub> (c=1 CHCL <sub>3</sub> ) | 21-23 (°)                        |
| Appearance (B117155)                                           | Colorless to light yellow liquid |
| Proton NMR spectrum                                            | Conforms to Structure            |