

## PRODUCT IDENTITY

|                 |                            |                |                                               |
|-----------------|----------------------------|----------------|-----------------------------------------------|
| PRODUCT NAME    | (2S , 5S)-2 , 5-Hexanediol | PRODUCT NUMBER | S133391                                       |
| Grades & Purity | ≥98%(GC)                   | VERSION        | 3                                             |
| CAS NUMBER      | 34338-96-0                 | FORMULA        | C <sub>6</sub> H <sub>14</sub> O <sub>2</sub> |
| FORMULA WEIGHT  | 118.18g/mol                |                |                                               |

## ACCEPTANCE CRITERIA

| PARAMETER                                           | SPECIFICATION / LIMIT |
|-----------------------------------------------------|-----------------------|
| Purity(GC)                                          | 98-100 (%)            |
| Specific Rotation [α] <sub>20/D</sub> (c=1 in EtOH) | 23-27 (°)             |
| Melting point                                       | 52-56 (°C)            |
| Proton NMR spectrum                                 | Conforms to Structure |