

## PRODUCT IDENTITY

|                 |                                    |                |                                              |
|-----------------|------------------------------------|----------------|----------------------------------------------|
| PRODUCT NAME    | (S)-Methyl 2,3-dihydroxypropanoate | PRODUCT NUMBER | S178884                                      |
| Grades & Purity | ≥97%                               | VERSION        | 3                                            |
| CAS NUMBER      | 10303-88-5                         | FORMULA        | C <sub>4</sub> H <sub>8</sub> O <sub>4</sub> |
| FORMULA WEIGHT  | 120.1g/mol                         |                |                                              |

## ACCEPTANCE CRITERIA

| PARAMETER                                                             | SPECIFICATION / LIMIT    |
|-----------------------------------------------------------------------|--------------------------|
| Purity(HPLC)                                                          | 97-100 (%)               |
| Specific Rotation [α] <sub>25</sub> /D(c=1.125 in CHCl <sub>3</sub> ) | -11--9 (°)               |
| Appearance (S178884)                                                  | light yellow oily matter |
| Proton NMR spectrum                                                   | Conforms to Structure    |