

## PRODUCT IDENTITY

|                 |                                 |                |                                                             |
|-----------------|---------------------------------|----------------|-------------------------------------------------------------|
| PRODUCT NAME    | D-Mannose-13C6                  | PRODUCT NUMBER | D1442048                                                    |
| Grades & Purity | ≥99 atom% <sup>13</sup> C, ≥98% | VERSION        | 3                                                           |
| CAS NUMBER      | 287100-74-7                     | FORMULA        | <sup>13</sup> C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> |
| FORMULA WEIGHT  | 186.11g/mol                     |                |                                                             |

## ACCEPTANCE CRITERIA

| PARAMETER            | SPECIFICATION / LIMIT |
|----------------------|-----------------------|
| Purity(HPLC area)    | 98-100 (%)            |
| NMR Spectrum 1H      | Conforms to Structure |
| Isotopic purity(13C) | 99-100 (%)            |