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## D-(+)-Mannose, For Molecular Biology

**MB212**

### Product Identifier

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|                   |   |   |
|-------------------|---|---|
| CAS No.           | : | 3458-28-4                                     |
| EC No.            | : | 222-392-4                                     |
| Molecular Formula | : | C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> |
| Molecular Weight  | : | 180.16  |
| HS Code           | : | 2940 00 00                                    |
| Storage           | : | Below 30°C                                    |
| Shelf life        | : | 4 years                                       |

### Technical Specification

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|                   |   |  |
|-------------------|---|--|
| Appearance        | : | White to off-white crystals or powder or solid |
| Solubility        | : | 33.3 mg soluble in 1 mL of water               |
| DNases            | : | None detected                                  |
| RNases            | : | None detected                                  |
| Specific rotation | : | +13.50 to +14.90° (c = 4% in water at 25°C)    |
| Melting range     | : | 133 - 140°C                                    |
| Assay (HPLC)      | : | min. 99.00%                                    |

### Safety Information

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|               |   |                     |
|---------------|---|---------------------|
| UN No.        | : | Not dangerous goods |
| Class         | : | -                   |
| Packing Group | : | -                   |
| RTECS         | : | Not available       |
| WGK           | : | 1                   |