## MB221  
**Dextran, For Molecular Biology**

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<th>Product Number</th>
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<td>MB221</td>
<td>100G</td>
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### Product Information
- **Product Code**: MB221
- **Product Name**: Dextran, For Molecular Biology
- **Molecular Formula**: \((\text{C}_6\text{H}_{10}\text{O}_5)n\)
- **Molecular Weight**: \(~10,000\)
- **CAS No.**: 9004-54-0
- **EC No.**: 232-677-5
- **HS Code**: 3913 90 00
- **Shelf Life**: 4 years

### Technical Specification
- **Appearance**: White to off-white powder
- **Solubility**: 10 mg soluble in 1 mL of water
- **pH (1% in water at 25°C)**: 5.00 - 7.00
- **DNases**: None detected
- **RNases**: None detected
- **FTIR (KBr disc)**: Matches with the standard pattern.
- **Loss on drying (105°C, 1hr)**: <= 7.0%
- **Average Molecular weight**: ~ 10000

### Risk and Safety Information
- **WGK**: 2
- **Storage Temperature(°C)**: Store below 30°C

### Transport Information
- **Marine Pollutant**: No
- **ADR/RID**: Not Dangerous Goods
- **IMDG**: Not Dangerous Goods
- **IATA**: Not Dangerous Goods

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