**Product Information**

**RM098  D-(+)-Cellobiose**

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<tr>
<th>Product Number</th>
<th>Packing</th>
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<tr>
<td>RM098</td>
<td>100G</td>
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<td>RM098</td>
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<td>RM098</td>
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**Product Information**

- **Product Code**: RM098
- **Product Name**: D-(+)-Cellobiose
- **Molecular Formula**: C₁₂H₂₂O₁₁
- **Molecular Weight**: 342.30
- **CAS No.**: 528-50-7
- **EC No.**: 208-436-5
- **HS Code**: 2940 00 00
- **Shelf Life**: 4 years

**Technical Specification**

- **Appearance**: White to off-white to beige crystals or powder
- **Solubility**: 33.3 mg soluble in 1 mL of water
- **FTIR (KBr disc)**: Matches with the standard pattern
- **Melting range**: ~239°C (dec.)
- **Specific rotation (α 20/D)**: +33° to +35° (c = 8% in water)
- **Chloride (Cl)**: <=0.005%
- **Lead (Pb)**: <=0.0005%
- **Iron (Fe)**: <=0.0005%
- **Sulphate (SO₄)**: <=0.005%
- **Loss on drying (at 110°C)**: <= 0.5%
- **Assay (GC/HPLC)**: min. 98.00 %

**Risk and Safety Information**

- **WGK**: 3
- **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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