**Product Information**

**GRM1367**  
**Dextrose monohydrate, Hi-AR™**

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Packing</th>
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<tr>
<td>GRM1367</td>
<td>500G</td>
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**Product Information**

- **Product Code**: GRM1367  
- **Product Name**: Dextrose monohydrate, Hi-AR™  
- **Synonym**: D-(+)-Glucose monohydrate, Hi-AR™  
- **Molecular Formula**: C₆H₁₂O₆·H₂O  
- **Molecular Weight**: 198.17  
- **CAS No.**: 14431-43-7  
- **EC No.**: 218-914-5  
- **HS Code**: 1702 30 50  
- **Shelf Life**: 4 years

**Technical Specification**

- **Appearance**: Colourless or white crystals or powder or powder with lumps  
- **Solubility**: 100 mg soluble in 1 mL of water  
- **pH (10% in water at 25°C)**: 5.00 - 7.00  
- **Clarity**: 10% w/v aqueous solution is clear and colourless.  
- **Specific rotation**: +46.0° to +52.0° (c= 10% in water at 20°C)  
- **Water (K.F)**: 7.00 - 9.50%  
- **Arsenic (As)**: <= 0.0001%  
- **Chloride (Cl)**: <= 0.0125%  
- **Heavy metals (as Pb)**: <= 0.0005%  
- **Sulfate (SO₄)**: <= 0.02%  
- **Assay (HPLC)**: min.99.50%

**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

The information contained herein is believed to be accurate and complete. However no warranty or guarantee whatsoever is made or is to be implied with respect to such information or with respect to any product, method or apparatus referred to herein.
### Water (K.F)
- Water (K.F) : 7.00 - 9.50%

### Arsenic (As)
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- Sulfate (SO4) : <= 0.02%

### Assay (HPLC)
- Assay (HPLC) : min.99.50%

### Risk and Safety Information

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