

## Technical Information

### D-(+)-Glucose Monohydrate Cell Culture Tested

**Product Code:TC1208**

### Product Information

|                   |   |
|-------------------|---|
| Product Code      | : TC1208  |
| Product Name      | : D-(+)-Glucose Monohydrate, Cell Culture Tested                  |
| Synonym           | : Dextrose monohydrate  |
| Molecular Formula | : C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> ·H <sub>2</sub> O |
| Molecular Weight  | : 198.17  |
| CAS No.           | : 14431-43-7  |

### Technical Specification

|   |  |
|---|--|
| Appearance                                  | : Colourless or white crystals or crystalline powder with lumps. |
| Solubility                                  | : Soluble in water.  |
| Minimum assay (HPLC)                        | : 99.00%   |
| Specific rotation (c= 10% in water at 20°C) | : +46.0° to +52.0°   |
| Water (K.F)                                 | : 7.00 - 9.50%   |
| Arsenic (As)                                | : <= 0.0001%   |
| Chloride (Cl)                               | : <= 0.0125%   |
| Heavy metals (as Pb)                        | : <= 0.0005%   |
| Sulfate (SO <sub>4</sub> )                  | : <= 0.02%   |
| Cell Culture Test                           | : Passes test  |

### Risk And Safety Information

|                         |                    |
|-------------------------|--------------------|
| WGK                     | : 3                |
| RTECS                   | : --               |
| 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 |

### Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
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- Do not use the products if it fails to meet specifications for identity and performance parameters.