# D(+)Glucose anhydre

**Synonyms:**

**Dextrose**

| **CH2OH(CHOH)4CHO** | | **Classification** | **Danger** |
|---|---|---|---|
| Molecular weight | **180.16** | ONU | |
| CAS | **50-99-7** | Transport hazard class: | |
| EEC-N: | **200-075-1** | Packing | |

**D(+)Glucose anhydre** **>** **ERBApharm - Selon pharmacopée: Ph.Eur.-USP-FU-BP-DAB-JP** **Grade Pharmaceutique**

| | | |
|---|---|---|
| Description | White crystalline powder | - |
| Identifications | Positives | - |
| Identification IR (USP) | Positive | - |
| Appearance of solution | Conform* | - |
| Soluble starch, sulfite | <= 15* | ppm |
| Dextrin | Conform* | - |

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| | | |
|---|---|---|
| Specific optical rotation at 20°C (anh.) | +52.5 to +53.3 | ° |
| Sulfated ashes | <= 0.1* | % |
| Water (K.F.) | <= 1.0 | % |
| Acidity | Conform* | - |
| Conductivity at 25°C | <= 20* | µS/cm |
| Chloride | <= 0.018* | % |
| Sulfate | <= 0.024* | % |
| Loss on drying 105°C | <= 1.0 | % |
| As | <= 1* | ppm |
| Assay (on anhydrous) | 97.5 - 102.0 | % |
| Assay (optical rotation dried sub.)(JP) | >= 99.5 | % |
| Related substances (HPLC) | Conform | - |
| Maltose and isomaltose | <= 0.4 | % |
| Maltotriose | <= 0.2 | % |
| Fructose | <= 0.15 | % |
| Unspecified | <= 0.10 | % |
| Total impurities | <= 0.5 | % |

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| ID | Size | Packaging |
|---|---|---|
| 000000000000346983 | 25 kg | Seau plastique |
| 000000000000346987 | 1 kg | Flacon plastique |
| 000000000000346989 | 5 kg | Pot plastique |

CARLO ERBA Reagents S.A.S.
Chaussée du Vexin – 27106 Val de Reuil cedex
N° TVA: FR 63391048824
Tél : +33 (0)2 32 09 20 00
www.carloerbareagents.com

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