

D-Glucose Monohydrate (Dextrose), cell culture tested

CAT N° : P5030

Molecular weight : 198.17 g/mol

CAS N° : 14431-43-7

Chemical formula : C₆H₁₂O₆. H₂O

Storage conditions : Room temperature, protected from moisture

Shelf life : 48 months

Tests	Specifications
Appearance	White crystalline powder
Specific rotation at 20°C	+52.5° - +53.3°
Water (Karl Fisher)	7.0 – 9.5%
Arsenic	< 0.0001%
Calcium	< 0.02%
Chloride	< 0.0125%
Lead	< 0.00005%
Sulfate	< 0.02%
Sulfate ashes	< 0.1%

Recommended use :

Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

- Respect storage conditions of the product
- Do not use the product after its expiry date
- Store the product in a dry area
- Wear clothes adapted to the manipulation of the product to avoid contamination (e.g. : gloves, mask, hygiene cap, overall...)
- Protect the product from any form of humidity
- Close the container immediately after sampling the quantity of powder required.

The product is intended to be used in vitro, in laboratory only. Do not use it in therapy, human or veterinary applications.