



## D(+)**Glucose monohydraté**

Synonyms:

**Dextrose monohydraté**

**CH<sub>2</sub>OHCH(CHOH)<sub>3</sub>CH  
OH.H<sub>2</sub>O**

**Classification**

**Danger**

Molecular weight      **198.17** ONU

CAS                      **5996-10-1** Transport hazard  
class:

EEC-N:                 **200-075-1** Packing

**D(+)**Glucose  
monohydraté****

> ERBApharm - Selon pharmacopée: Ph.Eur.-  
USP-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.)	7.5 - 9.5	%
Acidity	Conform*	-
Conductivity at 20°C	<= 20*	?S/cm
Conductivity at 25°C	<= 20*	?S/cm
Chloride	<= 0.018*	%
Sulfate	<= 0.025*	%
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	%
Origin (BSE/TSE)	Vegetable	-



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Grade Pharmaceutique

ID

Size

Packaging

000000000000346971

1 kg

Flacon plastique

000000000000346972

5 kg

Pot plastique

000000000000346973

25 kg

Seau plastique



**CARLO ERBA**  
REAGENTS

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