



D(+)**Glucose anhydrous**

Synonyms:

Dextrose**CH₂OH(CHOH)₄CHO****Classification****Danger**Molecular weight **180.16** ONUCAS **50-99-7** Transport hazard
class:EEC-N: **200-075-1** Packing**D(+)**Glucose anhydrous**** > ERBApharm - According to pharmacopoeia :
Ph.Eur.-USP-FU-BP-DAB-JP**Pharmaceutical**

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



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
Heavy metals (as Pb)	≤ 4*	ppm
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	%



ID	Size	Packaging
0000000000000346987	1 kg	Plastic bottle
0000000000000346989	5 kg	Plastic jar
0000000000000346983	25kg	Plastic bucket



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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