
D-(+)-Glucose anhydrous, Hi-AR™/ACS

GRM077

Product Identifier

CAS No.	:	50-99-7
EC No.	:	200-075-1
Molecular Formula	:	C ₆ H ₁₂ O ₆
Molecular Weight	:	180.16
Synonym	:	Dextrose anhydrous, Hi-AR™/ACS
HS Code	:	1702 30 20
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White crystals or powder or granules
Solubility	:	100 mg soluble in 1 mL of water
Clarity	:	10% w/v aqueous solution is clear and colourless
Specific rotation	:	+52.5° to +53.3° (c = 10% in water at 25°C)
Melting range	:	150 - 152°C
Chloride (Cl)	:	<= 0.0025%
Sulfate (SO ₄)	:	<= 0.0025%
Water (K.F.)	:	<= 1.0%
Assay (GC/HPLC)	:	min. 99.50%

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-