

D-(+)-Glucose anhydrous, For Molecular Biology

MB037

Product Identifier

CAS No.	:	50-99-7
EC No.	:	200-075-1
Molecular Formula	:	C ₆ H ₁₂ O ₆
Molecular Weight	:	180.16
HS Code	:	1702 30 39
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Colourless to white or almost white crystals or powder or granules or solid
Solubility	:	100 mg soluble in 1 mL of water
DNases	:	None detected
RNases	:	None detected
Specific rotation	:	+52.5° to +53.3° (c = 10% in water at 25°C)
Insoluble matter	:	<= 0.005%
Titration acid	:	<= 0.002 meq/g
Chloride (Cl)	:	<= 0.01%
Sulfate and sulfite (as SO ₄)	:	<= 0.005%
Starch	:	Passes test
Heavy metals (as Pb)	:	<= 0.0005%
Iron (Fe)	:	<= 0.0005%
Water (K.F.)	:	<= 1.00%
Residue after ignition	:	<= 0.02%
Assay (HPLC)	:	>= 99.50%

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	LZ6600000
WGK	:	1