D-(+)-Glucose anhydrous TC130

Cell Culture Tested

Product Identifier

CAS No.	:	50-99-7
EC No.	:	200-075-1
Molecular Formula	:	$C_6H_{12}O_6$
Molecular Weight	:	180.16
Synonym	:	Dextrose anhydrous
HS Code	:	1702 40 20
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Colourless to white or almost white crystals or powder or granules
Solubility	:	Clear solution at 100 mg in 1 mL of water
pH (10% in water at 25°C)	:	6.00 - 8.00
Specific rotation	:	+52.5° to +53.3° (c = 10% in water at 25°C)
Melting range	:	150 - 152°C
Water (K.F.)	:	<= 1.00%
Assay (HPLC)	:	min.99.00%
Cell Culture Test	:	Passes

Safety Information

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