

D(-)-Sorbitol, For Molecular Biology

MB066

Product Identifier

CAS No.	:	50-70-4
EC No.	:	200-061-5
Molecular Formula	:	C ₆ H ₁₄ O ₆
Molecular Weight	:	182.17
Synonym	:	D-Glucitol
HS Code	:	2905 44 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White hygroscopic crystals or powder
Solubility	:	1000 mg soluble in 1 mL of water
DNases	:	None detected
RNases	:	None detected
Specific rotation	:	+4.00° to +7.00° (c = 5gm substance and 6.4 gm of disodium tetraborate in 40 mL of water R. Allow to stand for 1 h and dilute to 50 mL with water R, at 20 ± 0.5°C, anhydrous basis)
Chloride (Cl)	:	≤ 0.005%
Sulfate (SO ₄)	:	≤ 0.01%
Water (K.F.)	:	≤ 1.50%
Assay (GC/HPLC)	:	≥ 99.00%

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	LZ4290000
WGK	:	1