



D-(-)-Sorbitol

Cell Culture Tested

Product Code: TC170

Product Description:

Molecular Weight: 182.17
Molecular Formula: $C_6H_{14}O_6$
CAS No.: 50-70-4
Synonym: D-Glucitol

Storage and Shelf Life:

Store at below 30°C.
Shelf life is 48 months.
Use before expiry date given on the product label.

Quality Control:

Appearance

White hygroscopic crystals or powder.

Solubility

1000 mg soluble in 1ml of water.

Specific rotation

+4.00° to +7.00° (c=5 gm substance and 6.4 gm of disodium tetraborate in 40 ml of water R. Allow to stand for 1 hr and dilute to 50 ml with water R, at $20 \pm 0.5^\circ\text{C}$, anhydrous basis)

Water (K.F.)

NMT 1.50%

Assay (HPLC/GC)

NLT 98.00 %

Cell Culture Test

Passes

Disclaimer :

Revision : 03/ 2025

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