

SORBITOL

IUPAC NAME : (2S,3R,4R,5R)-Hexane-1,2,3,4,5,6-hexol

Formula: $C_6H_{14}O_6$

Melting point: 95 °C

Density: 1.49 g/cm³

PRODUCT DETAILS : Sorbitol, less commonly known as glucitol , is a sugar alcohol with a sweet taste which the human body metabolizes slowly. It can be obtained by reduction of glucose, which changes the converted aldehyde group (-CHO) to a primary alcohol group (-CH₂OH). Most sorbitol is made from potato starch, but it is also found in nature, for example in apples, pears, peaches, and prunes.[3] It is converted to fructose by sorbitol-6-phosphate 2-dehydrogenase.