Pharmaceutical raw material

Sorbitol

Polyols

CAS 50-70-4



Material illustration

Substance identity

A sugar alcohol available as a powder or an aqueous solution. These forms differ in solids content and receiving criteria. The table identifies the sorbitol molecule.

Property	Reference value	Method or source
CAS number	**50-70-4**	PubChem
Chemical formula	**$C_6H_{14}O_6$**	PubChem
Molar mass	**182.17 g/mol**	PubChem

For acceptance, check the agreed specification and the certificate of analysis (COA) for the delivered lot.



Applications

Sorbitol solution contributes sweetness and moisture retention in liquid preparations. Powdered sorbitol has different uses, including chewable tablets. The name alone leaves the physical form open.



Purchasing criteria

For solutions, give solids content, sorbitol content and whether a non-crystallising type is required. For powders, describe particle size and flow requirements. Agree on ethylene glycol and diethylene glycol testing for the solution.

Technical reference

PubChem