Pharmaceutical raw material

Mannitol

Polyols

CAS 69-65-8



Material illustration

Substance identity

A crystalline sugar alcohol. Mannitol and sorbitol share a molecular formula but have different stereochemistry. Identify the material by name and CAS number.

Property	Reference value	Method or source
CAS number	**69-65-8**	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

A diluent in chewable and orally disintegrating tablets. Particle size and structure affect powder feeding and mouthfeel. Switching from a crystalline powder to material intended for direct compression may call for a trial.



Purchasing criteria

Specify the tableting process, target particle-size range and bulk density. For a trial, state the sample quantity and the tablet attributes your team will evaluate.

Technical reference

PubChem