Pharmaceutical raw material

Methanol

Process solvents

CAS 67-56-1



Material illustration

Substance identity

A monohydric alcohol. Process and analytical grades can have different purity requirements and impurity panels.

Property	Reference value	Method or source
CAS number	**67-56-1**	PubChem
Chemical formula	**CH_4O**	PubChem
Molar mass	**32.04 g/mol**	PubChem

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



Applications

A process and analytical solvent. A manufacturing line and a chromatography laboratory can need different purity profiles. ICH Q3C classifies methanol as a Class 2 residual solvent when assessing residues in a pharmaceutical product.



Purchasing criteria

Describe the intended use and limits for water and organic impurities. For chromatography, include the acceptance criteria for your analytical method. Specify any limits on residual solvent in the finished material separately from the incoming methanol specification.

Technical reference

PubChem