Pharmaceutical raw material

Sodium bicarbonate (sodium hydrogen carbonate)

Acids and salts

CAS 144-55-8



Material illustration

Substance identity

Sodium hydrogen carbonate is an acid salt of carbonic acid. Use the formula and CAS number to distinguish it from sodium carbonate in material lists.

Property	Reference value	Method or source
CAS number	**144-55-8**	PubChem
Chemical formula	**$NaHCO_3$**	PubChem
Molar mass	**84.01 g/mol**	PubChem

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



Applications

The alkaline component of effervescent tablets and granules. It releases carbon dioxide on contact with acid in water. Preventing unintended moisture exposure and controlling particle size are important for these blends.



Purchasing criteria

Specify particle-size distribution, assay and any separately controlled carbonate content. Agree on a moisture-protective liner and net weight per pack.

Technical reference

PubChem