

Status: Currently Official on 13-Feb-2025
Official Date: Official Prior to 2013
Document Type: Reagents
DocId: GUID-F79DFDF4-E9E3-4C58-ACF6-BD7D5452D308_1_en-US
DOI: https://doi.org/10.31003/USPNF_R2202_01_01
DOI Ref: v1nwp

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Aminoguanidine Bicarbonate

(Aminoguanidine Hydrogen Carbonate), $\text{CH}_6\text{N}_4 \cdot \text{H}_2\text{CO}_3$ 136.11 CAS RN[®]: 2582-30-1.—White powder.

Assay: Dissolve about 34 mg, accurately weighed, in 50 mL of glacial acetic acid. Titrate with 0.1 N perchloric acid VS, determining the endpoint potentiometrically. Perform a blank determination, and make any necessary corrections. Each mL of 0.1 N perchloric acid is equivalent to 13.61 mg of $\text{CH}_6\text{N}_4 \cdot \text{H}_2\text{CO}_3$. Not less than 98.5% is found.

MELTING POINT (741): about 170°, with decomposition.

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
AMINO Guanidine BICARBONATE	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

Pharmacopeial Forum: Volume No. Information currently unavailable

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