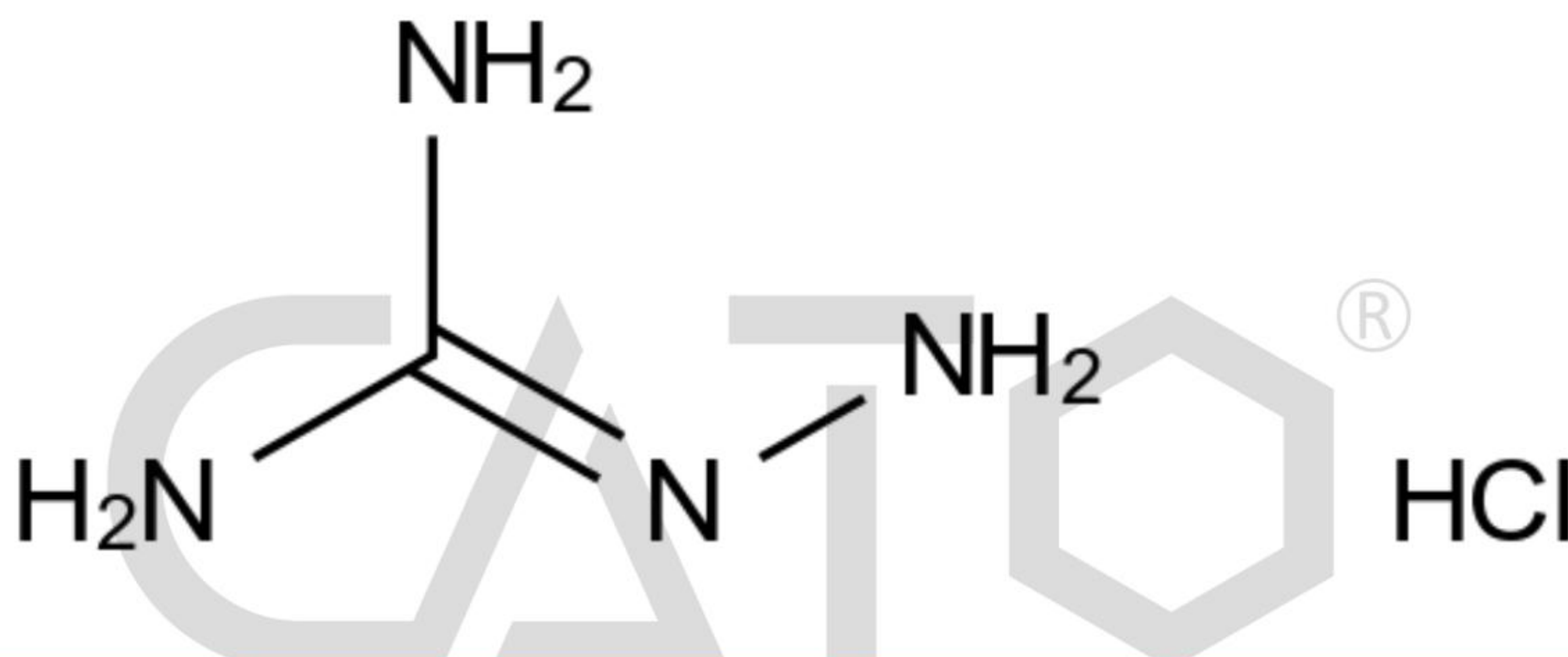


Certificate of Analysis

Reference Material & Standard

Product Name:	Aminoguanidine hydrochloride	Catalogue Number:	C4X-141353
Synonyms:	N/A	Lot Number:	1103-RE-0015
CAS Number:	1937-19-5	Expiry Date:	Nov 12, 2025
Molecular Formula:	CH ₆ N ₄ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	74.09 36.46	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Crystalline Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.916%
Water Content	Karl Fischer	2.3237%
Assay		97.6%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Nov 13, 2023

Date: Nov 13, 2023

Date: Nov 13, 2023



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