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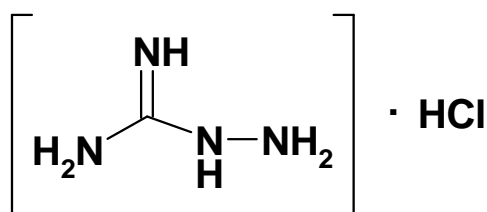
## Product Specifications

### **Aminoguanidine Hydrochloride**

**CAS** 1937-19-5

**Syn:** Hydrazinecarboximidamide Monohydrochloride;  
Aminoguanidine Monohydrochloride; Aminoguanidinium Chloride

**Structure:**



**Mol. Formula**  
**Source**

**CH<sub>6</sub>N<sub>4</sub>· HCl**  
Totally synthetic. No animal or plant products involved

**Mol. Wt.**

110.54

*Test*

*Specification*

<b>Identity</b>	IR
<b>Appearance</b>	White cryst. solid
<b>pH (10% aq. Soln.)</b>	4.5-7.0
<b>Mp</b>	160 -164 °C
<b>Purity (potentiometric titration)</b>	> 98 %
<b>Extraneous Cl</b>	< 0.5%
<b>LOD (105 °C, 2 hr)</b>	< 1%
<b>Ash (residue on ignition)</b>	< 0.1%
<b>Heavy metals</b>	< 20 ppm
<b>Fe</b>	< 6 ppm

**Storage and Handling:** Aminoguanidine Hydrochloride is an extremely hygroscopic solid; store, handle and treat accordingly.

**Shelf-life:** Two year when stored appropriately (i.e. in a temperature and humidity controlled containment). Long-term storage should be avoided as it will result in caking.