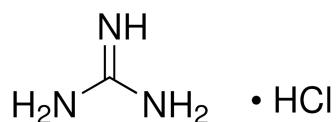


## Product Specification

Product Name :	Guanidine hydrochloride organic base and chaotropic agent, ≥99% (titration)
Product Number:	G4505
CAS Number:	50-01-1
MDL Number :	MFCD00013026
Molecular Formula:	CH <sub>5</sub> N <sub>3</sub> · HCl
Formula Weight:	95.53 g/mol



Test	Specification
Appearance (Color)	White
Appearance (Form)	Crystalline Powder
Solubility (Color)	Colorless
Solubility (Turbidity) at 6 M in H <sub>2</sub> O (286 g to 500 ml)	Clear
Water (by Karl Fischer)	≤ 0.3%
Infrared Spectrum	Conforms to Structure
A260 UV Absorption 6 M solution	≤ 0.10
Titration with AgNO <sub>3</sub> Based on Cl content	≥ 99%
Expiration Dated Product	-----

Sigma-Aldrich warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Version Number: PRP.00.ZQ5.1205283

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