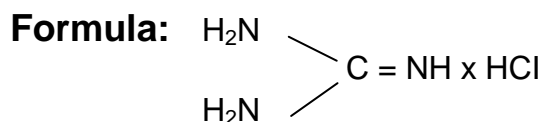


Guanidine Hydrochloride MBG (molecular biology grade)



Synonym: Aminoformamidine x HCl
Guanidinium Chloride
CAS: [50-01-1]

Specified properties

Assay	min. 99.7%
Appearance	colorless crystals
Solubility (in water, 6M, 50% w/w)	clear, colorless
Melting point	185 – 188° C
Water	max. 0.1%
Iron	max. 0.1 mg/kg
Heavy metals (Pb)	max. 10 mg/kg
Dicyandiamide	max. 0.01%
Melamine	max. 0.01%
Ammonium	max. 0.01%
pH (in water, 6M, 50% w/w)	4.5 – 7.0
UV Absorbance at 260 nm (in water, 6M, 50% w/w)	max. 0.03
UV Absorbance at 230 nm (in water, 6M, 50% w/w)	informative
Protease, Phosphatase, DNase, RNase	informative

Packaging: PE drum with special inliner and drying agent: 10 kg.

Storage: Material is hygroscopic. Keep in a cool and dry place. It is recommended to use material within 2 years. See also MSDS.

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Valid from: 19.03.2014 / Rev. Index 1 / This data sheet supersedes all previous data sheets for this product.

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