

TECHNICAL DATA SHEET

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Bioselect® Guanidine Hydrochloride LC7-Grade, 60 % solution

Formula:
$$\begin{array}{c} \text{H}_2\text{N} \\ \text{H}_2\text{N} \end{array} \begin{array}{c} \diagup \\ \diagdown \end{array} \text{C} = \text{NH} \times \text{HCl}$$
 Synonym: Aminoformamidine x HCl
CAS: Guanidinium Chloride [50-01-1]

Specified properties.
for solid material:

Assay	min. 99.0%
Ammonium	max. 0.35%
Cyanuric acid	max. 0.15%
Iron	max. 1.0 mg/kg
Dicyandiamide	max. 50 mg/kg
Melamine	max. 50 mg/kg

for solution 7.4M, 60% w/w in water:

Appearance	clear, colorless
Assay	59.0 – 61.0%
pH (dil. 1+1 with water)	5.0 – 7.0
UV-Absorbance	
at 260 nm	max. 0.35
at 280 nm	max. 0.175

Packaging: PE canisters 30 kg net.; PE drums 200 kg net, FIBC 1000 kg net

Storage: Material is hygroscopic. Store at room temperature, in dry place.
Protect from direct light exposure. It is recommended to use material within 2 years. See also MSDS.

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