

Product Specification

Product Name: Guanidine 4x hydrochloride crystallized *opti
GuHCl; Aminoformamidine hydrochloride; Aminomethanamidine hydrochloride;
Carbamidinhydrochlorid; Guanidiniumchlorid

Item Nr.: 1029 MW: 95.53 g/mol CH5N3.HCl
CAS Nr.: 50-01-1 E.C.Nr.: EINECS: 200-002-3

Parameter	Methode	Specification	Unit
Appearance	visual	colorless crystals	
Solubility	50% w/w, in H2O	soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	1	
Assay	HPLC	>99.50	%
pH	50% w/w, in H2O	4.5 - 7.0	
Water	KF	<0.2	%
Melting point		183 - 188	°C
Ammonium (NH4)		<0.05	%
Iron (Fe)		<1.0	mg/kg
Melamine	EP 2.2.28./2.2.43. GC/MS	<0.01	%
Dicyandiamide	EP 2.2.28./2.2.43. GC/MS	<0.1	%
A230	50% w/w, in H2O	<0.1	
A260	50% w/w, in H2O	<0.05	
A280	50% w/w, in H2O	<0.04	

Storage: Keep well closed at room temperature in a dark and dry place.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

Version/Latest update: 02/08.06.2021