

neoFroxx GmbH

Marie-Curie-Str. 3
64683 Einhausen
+49 6251 989 240
coa@neofroxx.com
www.neofroxx.com

Specification

Product	Guanidine hydrochloride for biochemistry
Product number	1330
Synonyms	Aminoformamidine chloride, GuaHCl, Guanidinium chloride
Formula	$\text{CH}_5\text{N}_3 \cdot \text{HCl}$
Molecular weight	95.53 g/mol
CAS number	50-01-1
Storage	below 25°C
Retest period (months)	60
Parameter	Specification
Assay (titr.)	$\geq 99 \%$
Appearance	colorless crystals
Loss on drying	$\leq 0.2 \%$
Melting point	183 - 188°C
pH (6 M in water, 20°C)	3.5 - 6.5
Absorbance (260 nm, 6 M in water)	≤ 0.05
Melamine	$\leq 0.01 \%$
Dicyandiamide	$\leq 0.1 \%$
Ammonium (NH_4)	$\leq 0.05 \%$
Iron (Fe)	$\leq 0.0001 \%$
Lead (Pb)	$\leq 0.0005 \%$

Einhausen, 06.06.2024