

neoFroxx GmbH

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Specification

Product	Guanidine hydrochloride for biochemistry
Product number	1330
Synonyms	Aminoformamidine chloride, GuaHCl, Guanidinium chloride
Formula	CH ₅ N ₃ • HCl
Molecular weight	95.53 g/mol
CAS number	50-01-1
Storage	below 25°C
Retest period (months)	60
Parameter	Specification
Assay (titr.)	>= 99 %
Appearance	colorless crystals
Loss on drying	<= 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	<= 0.01 %
Dicyandiamide	<= 0.1 %
Ammonium (NH ₄)	<= 0.05 %
Iron (Fe)	<= 0.0001 %
Lead (Pb)	<= 0.0005 %

Einhausen, 06.06.2024