

## Specification

<b>Product</b>	<b>Guanidine hydrochloride for molecular biology</b>
Brand	GeneON GmbH
Product number	CE160, ff.
Synonym(s)	Aminoformamidine chloride, GuaHCl, Guanidinium chloride
Formula	CH <sub>5</sub> N <sub>3</sub> · HCl
Molecular weight	95.53 g/mol
CAS number	50-01-1
Storage	below 25°C
Retest period (months)	60
<b>Parameter</b>	<b>Specification</b>
Assay (titr.)	min. 99.5 %
Appearance	colorless crystals
DNases/RNases/Proteases	not detectable
Water (K.F.)	max. 0.2 %
Melting point	183 - 188°C
pH (4 % in water, 20°C)	4.5 - 7.0
A (1 cm/50 %, water HPLC grade)	260 nm: max. 0.05
Ammonium	max. 0.05 %
Fe	max. 0.0001 %
Pb	max. 0.0001 %