

<b>Product</b>	<b>Guanidine thiocyanate for molecular biology</b>
Brand	Geneon GmbH
Product number	CE164, ff.
Synonym(s)	Guanidine isothiocyanate, Guanidine rhodanide, GuaSCN
Formula	$\text{CH}_5\text{N}_3 \times \text{CHNS} / \text{C}_2\text{H}_6\text{N}_4\text{S}$
Molecular weight	118.16 g/mol
CAS number	593-84-0
Storage	below 25°C
Retest period (months)	36
*** research use only ***	
<b>Parameter</b>	<b>Specification</b>
Assay (HPLC)	min. 99.5 %
DNases/RNases/Proteases	not detectable
Appearance	white to slightly off-white powder
Melting range	118 – 121°C
pH (1 M in water, 20°C)	5.0 – 7.0
Water (K.F.) (revised)	max. 0.3 %
Ash	max. 0.1 %
Ammonium	max. 0.1 %
Fe	max. 0.1 ppm
Abs. at 280 nm (6 M water)	max. 0.50
Abs. at 300 nm (6 M water)	max. 0.10