

neoFroxx GmbH

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Specification

Product	Guanidine thiocyanate for molecular biology
Product number	1319
Synonyms	Guanidine isothiocyanate, Guanidine rhodanide, GuaSCN
Formula	CH ₅ N ₃ x CHNS / C ₂ H ₆ N ₄ S
Molecular weight	118.16 g/mol
CAS number	593-84-0
Storage	below 25°C
Retest period (months)	36

*** research use only ***

Parameter	Specification
Assay (HPLC)	>= 99.5 %
Appearance	white to slightly off-white powder
Melting range	118 – 121°C
pH (0.1 M in water, 20°C)	5 - 7
Water	<= 0.3 %
Residue on ignition (Ash)	<= 0.1 %
Ammonium (NH ₄)	<= 0.1 %
Iron (Fe)	<= 0.00001 %
Absorbance (6 M in water)	
280 nm	<= 0.5
300 nm	<= 0.1
DNases/RNases/Proteases	not detectable

Einhausen, 10.06.2024