

## neoFroxx GmbH

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

## Specification

Product	Guanidine thiocyanate Xtragate for biochemistry
Product number	1405
Synonyms	Guanidine isothiocyanate, Guanidine rhodanide, GuaSCN
Formula	CH <sub>5</sub> N <sub>3</sub> · CHNS
Molecular weight	118.16 g/mol
CAS number	593-84-0
Storage	below 25°C
Retest period (months)	36
Parameter	Specification
Assay	>= 99 %
Appearance	white crystalline powder
Loss on drying	<= 1 %
Melting point	118 - 122°C
pH (5 % in water, 20°C)	5 - 7
Residue on ignition (Ash)	<= 0.1 %
Calcium (Ca)	<= 0.1 %
Chloride (Cl)	<= 0.1 %
Ammonium (NH <sub>4</sub> )	<= 0.1 %
Solubility (6 M in water)	clear and colorless solution
Absorbance (6M in water)	
280 nm	<= 0.5
300 nm	<= 0.1
320 nm	<= 0.1
410 nm	<= 0.1

Einhausen, 13.11.2024