



# INDOFINE Chemical Company, Inc.

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## Certificate of Analysis

Catalogue Number	BIO-193
Product	Guanidine thiocyanate
Lot Number	001521-2021-27 Guanidine isothiocyanate
CAS Number	593-84-0
Molecular Formula	CH <sub>5</sub> N <sub>3</sub> •HSCN
Molecular Weight	118.16

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Appearance	White to slightly off-white crystalline
Solubility	Colorless clear solution (20% in Water)
Melting Point	118.9 - 119.9 °C
Anion	Chloride : < 1%
Cation	Ammonium (NH <sub>4</sub> ) : < 0.1% Iron (Fe) : < 1 ppm Calcium (Ca) : < 5 ppm Zinc (Zn) : < 5 ppm
Water Content (Karl Fisher)	0.22%
pH	6.23
UV Ratios	UV-Absorbance A (280 nm) : 0.2 A (300 nm) : 0.028
Sulfated Ash	< 0.1%
Assay	99.75%
Grade	Biotech Grade
Storage	Store at RT

Prepared by:  
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