

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Product Specifications*

<b>Catalogue Number</b>	00522
<b>Product</b>	<b>Guanidine thiocyanate</b> Guanidine isothiocyanate Guanidinium thiocyanate
<b>CAS Number</b>	593-84-0
<b>Molecular Formula</b>	CH <sub>5</sub> N <sub>3</sub> •HSCN
<b>Molecular Weight</b>	118.16

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<b>Appearance</b>	White to slightly off-white crystalline powder
<b>Solubility</b>	Colorless clear solution
<b>Melting Point</b>	116 - 121 °C
<b>Cation</b>	Ammonium (NH <sub>4</sub> ) : ≤ 0.1% Iron (Fe) : ≤ 1 ppm
<b>Water Content (Karl Fisher)</b>	≤ 1%
<b>UV Ratios</b>	UV-Absorbance A (280 nm) : ≤ 0.3 (35% in water) A (300 nm) : ≤ 0.05 (35% in water)
<b>Assay</b>	≥ 99%
<b>Grade</b>	Biotech Grade
<b>Storage</b>	Store at RT

**For Laboratory Use Only**