



## Specification

### Mercurous Thiocynate

**Catalog Number:** MT1007  
**CAS Number:** 592-85-8  
**Synonym(s):** Mercury (II) Thiocyanate; Mercuric Sulfocyanate  
**Molecular Formula:**  $\text{Hg}(\text{CNS})_2$   
**Molecular Weight:** 316.75

Test	Specification
Description:	White to white with a faint yellow cast powder, decomposes without melting, burns with a bluish flame.
Assay:	99.0 – 105.0 %
Assay (Hg):	61.7% to 64.9%
Solubility:	Soluble in Dilute Hydrochloric acid, Ethanol; slightly soluble in cold water.
Sodium (Na):	< 0.01 %
Iron (Fe):	< 0.002%
Chloride sensitivity:	To Pass Test
Melting Point:	165 Deg. C (dec.)
Residue after Ignition:	< 0.05%
NOTE:	PROTECT FROM LIGHT

Approved:

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John Grubb, PhD  
Gojira Fine Chemicals  
Quality Manager  
Tel: 440-252-5397, Fax: 888-211-5523  
[docsupport@gojirafc.com](mailto:docsupport@gojirafc.com)