



SPECIFICATION

PMT

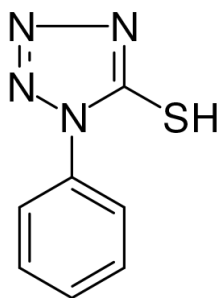
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Code No. 12580

CAS No. 86-93-1

Chemical Name **1-Phenyl-5-mercaptotetrazole**
1-Phenyl-1H-tetrazole-5-thiol

Structure



Molecular Formula C₇H₆N₄S

Molecular Weight 178.22

Product Properties **Appearance** White crystalline powder

Assay (%) 98.5 – 101.5 (TBAH)

Melting point (°C) 147.5 - 151.5

Loss on drying (%) ≤ 0.5

Sulfated ash (%) ≤ 0.5

Solubility (1% in EtOH) clear, no residue

Turbidity (NTU) ≤ 3

Sulfur (ppm) ≤ 900 (HPLC)

Storage T < 30°C, rel. humidity max. 70%; durability 24 months

Application Stabilizer and antifogging agent in photography

Changes in comparison to previous issue: Layout