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## Typical Product Specifications & Properties

# Nitrosylsulfuric Acid

CAS Number: : 7782-78-7

Specifications	Limits
Color	Yellowish
Appearance	Clear yellow to green viscous liquid
Iron	max. 200mg/kg (photometric)
Water	max. 10.0% (w/w) (KF)
Assay	39.5 - 40.5% (w/w) (titr.)
Chemical Structure	 <p>Chemical structure diagram of Nitrosylsulfuric acid (H<sub>2</sub>SO<sub>4</sub>NO) showing the central sulfur atom bonded to four oxygen atoms and one nitrogen atom. The nitrogen atom is double-bonded to one oxygen atom and single-bonded to another oxygen atom. The sulfur atom is also single-bonded to two oxygen atoms, one of which is bonded to a hydrogen atom.</p>
Molecular weight	127.08
Melting Point	-10&deg;C
Stability	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Handle and store under inert gas.



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