

# Specification

**Formula Hill:** C<sub>9</sub>H<sub>9</sub>HgNaO<sub>2</sub>S  
**Molar Mass:** 404,80 g/mol  
**CAS N°:** 54-64-8

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112600 Thimerosal, Ph. Eur., USP

## Specifications

Assay (HPLC, dried basis)	97,0 - 102,0 %
Assay (titrimetric, on dried basis)	97,0 - 101,0
Identity	conforms
Appearance	
- White or almost white	conforms
- Crystalline powder	conforms
Appearance of solution	conforms
pH (0.8% solution)	6,0 - 8,0
Inorganic mercury compounds	≤ 0,70 %
Organic impurities	
- Thiosalicylic acid	≤ 0,1 %
- Thimerosal related compound A	≤ 0,1 %
- Any other impurity	≤ 0,1 %
- Total impurities	≤ 1,0 %
Loss on drying (0.7 kPa, 24h)	≤ 0,5 %
Loss on Drying (vacuum, over P2O5)	≤ 0,5 %

The product cannot be considered as an Active Pharmaceutical Ingredient (API)

Conforms to: Ph. Eur., USP specification