

## Certificate of Analysis

Date of Testing: 2023-03-28 16:04:42  
Date of Next Testing: 2027-03-27 16:04:42  
Product Name: **Thimerosal**  
CAS Number: 54-64-8  
Specifications & Purity: 97%  
Lot #: C2324227  
SKU #: **T105278**  
**Analysis:** **186705**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
PH(1%,25°C)	6-8	6.26
Loss on drying	0-3 (%)	0.35 %
Melting point	234-237 (°C)	234.73000 °C
Mercury Ion	0-0.5 (%)	0.50 %
Purity(HPLC area)	97-100 (%)	97.66 %
Purity(Titration)	95-103 (%)	98.90 %
Appearance (T105278)	White to Off-White to Faint Beige Powder or Crystal	White to Off-White to Faint Beige Powder or Crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , clear or light yellow solution at 2g in 25ml	pass	Pass



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QA & QC Manager