

## Certificate of Analysis

Date of Testing: 2021-10-14 16:07:28  
Date of Next Testing: 2025-10-13 16:07:28  
Product Name: **Thimerosal**  
CAS Number: 54-64-8  
Specifications & Purity: 97%  
Lot #: I2130098  
SKU #: **T105278**  
**Analysis:** **024852**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
PH(1%,25°C)	6-8	6.42
Loss on drying	0-3 (%)	1.78 %
Purity(Titration)	96.5-103.5 (%)	98.32 %
Melting point	234-237 (°C)	236.87000 °C
Mercury Ion	0-0.5 (%)	0.50 %
Appearance (T105278)	White to Off-White Powder	White to Off-White Powder
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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