

Certificate of Analysis

Date of Testing: 2023-09-18 15:43:56
Date of Next Testing: 2027-09-17 15:43:56
Product Name: **Thimerosal**
CAS Number: 54-64-8
Specifications & Purity: 97%
Lot #: 12312795
SKU #: **T105278**
Analysis: **271896**
Storage Temperature: Protected from light

Parameter	Limit Values	Result
PH(1%,25°C)	6-8	7.00
Loss on drying	0-3 (%)	2.50%
Purity(Titration)	95-103 (%)	97.20%
Melting point	234-237 (°C)	235.00000 °C
Purity(HPLC area)	97-100 (%)	98.00%
Mercury Ion	0-0.5 (%)	0.50000%
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 ₂ O , clear or light yellow solution at 2g in 25ml	pass	Pass



John Su
QA & QC Manager