

Certificate of Analysis

Date of Testing: 2025-02-10 10:05:52

Date of Next Testing: 2029-02-09 10:05:52

Product Name: **Thimerosal**

CAS Number: 54-64-8

Specifications & Purity: $\geq 97\%$

Lot #: A2522250

SKU #: **T105278**

Version: **2**

Analysis #: **436746**

Storage Temperature: Protected from light

Parameter	Limit Values	Result
PH(1%,25°C)	6-8	6.01
Loss on drying	0-3 (%)	1.40 %
Purity(Titration)	95-103 (%)	95.21 %
Melting point	234-237 (°C)	235.40000 °C
Purity(HPLC area)	97-100 (%)	98.88 %
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
Solubility in H ₂ O , clear or light yellow solution at 2g in 25ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



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