

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-18 14:44:10

Date of Next Testing: 2029-08-17 14:44:10

Product Name: **Thimerosal**

CAS Number: 54-64-8

Specifications & Purity: $\geq 97\%$

Lot #: H2508662

SKU #: **T105278**

Version: **2**

Analysis #: **498243**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
PH(1%,25°C)	6-8	7.45000
Loss on drying	0-3 (%)	0.14181 %
Melting point	234-237 (°C)	236.13000 °C
Purity(HPLC area)	97-100 (%)	99.39900 %
Mercury Ion	0-0.5 (%)	0.45000 %
Purity(Titration)	95-103 (%)	95.12000 %
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



John Su
QA & QC Manager