

Certificate of Analysis

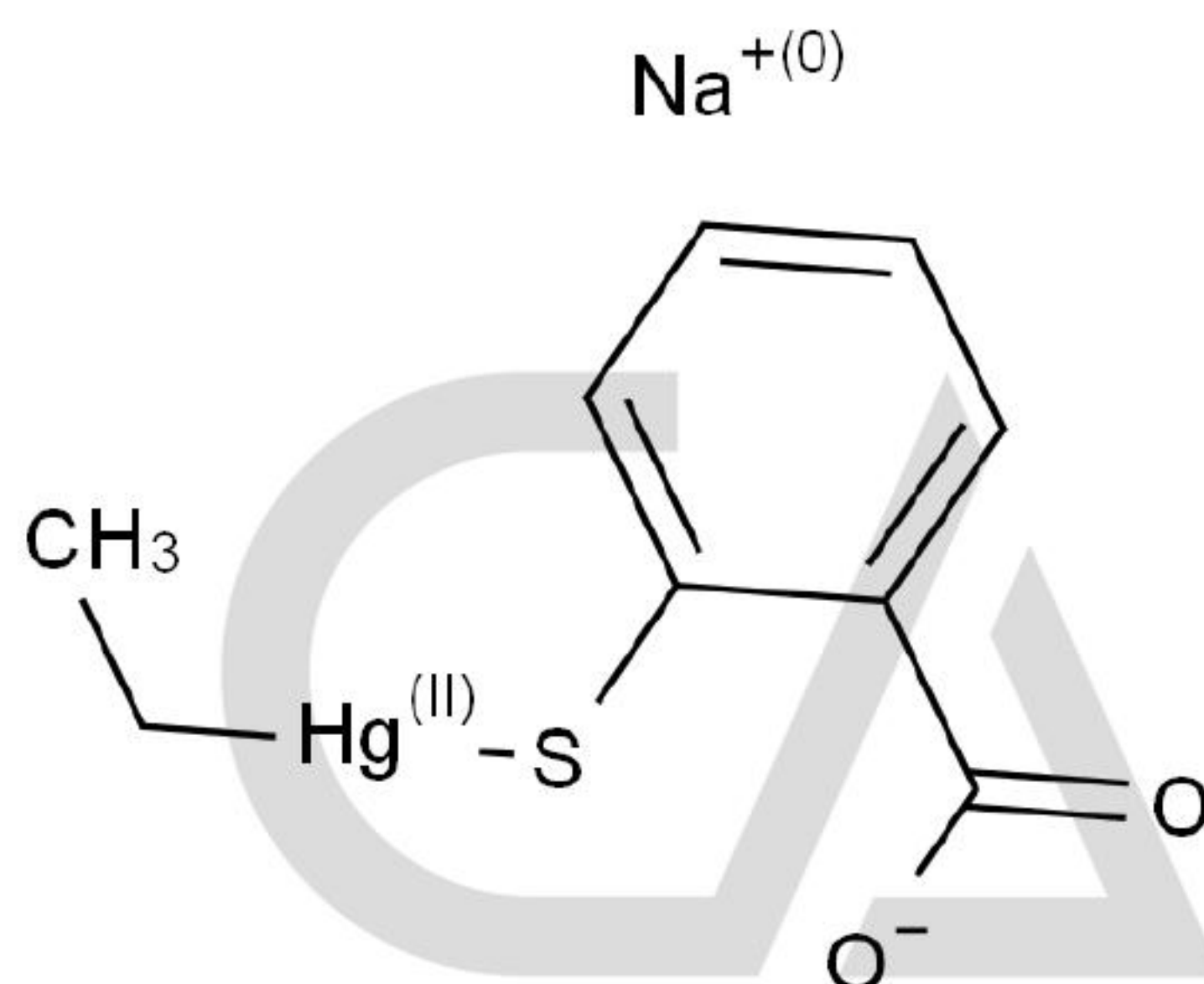
Reference Material & Standard

Product Name:	Thimerosal	Catalogue Number:	CCAD300468
Synonyms:	N/A	Lot Number:	1125-RG-0071
CAS Number:	54-64-8	Expiry Date:	Nov 24, 2029
Molecular Formula:	C ₉ H ₉ HgO ₂ S Na	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	381.82 22.99	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.423%
Loss on Drying	TGA	0.0101%
Assay	qNMR	94.7%
Uncertainty		±1.1%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Jun 30, 2026

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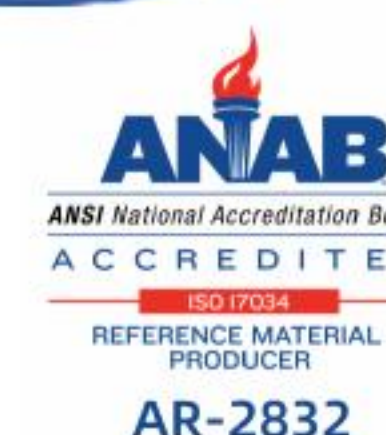
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