

# *Chem-Impex International, Inc.*

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825 Dillon Drive

Wood Dale, IL 60191

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## *Certificate of Analysis*

<b>Catalogue Number</b>	00476
<b>Lot Number</b>	002135-04-2015
<b>Product</b>	<b>Thimerosal</b> Ethylmercurithiosalicylic acid sodium salt 2-(Ethylmercuriomercapto)benzoic acid sodium salt
<b>CAS Number</b>	54-64-8
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>9</sub> HgO <sub>2</sub> SNa
<b>Molecular Weight</b>	404.81

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<b>Appearance</b>	Creamish white powder
<b>Appearance of Solution</b>	Concordant with standard (2 g in 25 mL carbonate free water)
<b>Solubility</b>	Freely soluble in water and ethanol (96%); Practically insoluble in ether.
<b>pH</b>	6.4
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	0.34%
<b>Readily Carbonizable Substance</b>	Complies with the standard
<b>Assay</b>	99.20% (Anhydrous basis)
<b>Grade</b>	BP
<b>Application</b>	It is used in disinfecting irrigations, as a preservative in vaccines, drops and ointments for eyes, in blood plasmas as well as in verterinary medicine and for antiseptic surgical dressing.
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Ether soluble substances: < 0.75% Mercury/Sulfate test: Complies with the test Inorganic mercury compounds: 0.303% Sodium test: Complies with the test

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**Remarks**

See material safety data sheet for additional information

For laboratory use only

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

**Bala Kumar**  
**Quality Control Manager**