


Specification

Thimerosal *BioChemica*

A1278

Physical Description:	Solid
Product Code:	A1278
Product Name:	Thimerosal <i>BioChemica</i>
Specifications:	Assay: min. 98 % Identity: passes test Loss on drying: max. 0.5 %
Hazard pictograms	
UN:	2025
Class/PG:	6.1/II
ADR:	6.1/II
IMDG:	6.1/II
IATA:	6.1/II
WGK:	3
Storage:	RT protected from light
Signal Word:	Danger
GHS Symbols:	GHS06 GHS08 GHS09
H Phrases:	H300+H310+H330 H373

AppliChem GmbH

Ottoweg 4 • D-64291 Darmstadt • Phone +49 6151 9357 0 • Fax +49 6151 9357 11 • info.de@itwreagents.com • www.itwreagents.com
CEO Joan Roget • Commerzbank Darmstadt • Bank 508 800 50 • Account 0186989900 IBAN DE24 5088 0050 0186 9899 00 • Swiftcode DRESDEFF508 • Finanzamt Darmstadt 07 228 16476 • Register court Darmstadt HRB Nr. 7340

Specification

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A1278

	H410
P Phrases:	<p>P260</p> <p>P301+P310</p> <p>P320</p> <p>P330</p> <p>P361+P364</p> <p>P405</p> <p>P501</p>
Molecular Formula:	C ₉ H ₉ HgNaO ₂ S
M:	404.82 g/mol
CAS:	54-64-8
EINECS:	200-210-4
CS:	28521000
Index Nr.:	080-004-00-7
Bibliography	<p>(1)Swann, K. (1991) <i>FEBS Lett.</i> 278, 175-178Thimerosal causes calcium oscillations and sensitizes calcium-induced calcium release in unfertilized hamster eggs. (2)Miyazaki, S.-i. <i>et al.</i> (1992) <i>FEBS Lett.</i> 309, 180-184Antibody to the inositol trisphosphate receptor blocks thimerosal-enhanced Ca²⁺-induced Ca²⁺ release and Ca²⁺ oscillation in hamster eggs. (3)Sayers, L.G. <i>et al.</i> (1993) <i>Biochem. J.</i> 289, 883-887The effects of thimerosal on calcium uptake and inositol 1,4,5-trisphosphate-induced calcium release in cerebellar microsomes. (4)Missiaen, L. <i>et al.</i> (1991) <i>Nature</i> 352, 241-244Spontaneous calcium-release from inositol trisphosphate-sensitive calcium stores. (5)Hecker, M. <i>et al.</i> (1989) <i>Biochem. Biophys. Res. Com.</i> 159, 961-968The sulfhydryl reagent thimerosal elicits human platelet aggregation by mobilization of intracellular calcium and secondary prostaglandin endoperoxide formation.</p>

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