Specification

Thimerosal *BioChemica* A1278

Physical Description:	Solid
Product Code:	A1278
Product Name:	Thimerosal *BioChemica*
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

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Specification

Thimerosal *BioChemica* A1278

	H410
P Phrases:	P260 P301+P310 P320 P330 P361+P364 P405 P501
Molecular Formula:	$C_9H_9HgNaO_2S$
M:	404.82 g/mol
CAS:	54-64-8
EINECS:	200-210-4
CS:	28521000
Index Nr.:	080-004-00-7

Bibliography

(1)Swann, K. (1991) *FEBS Lett.* **278**, 175-178Thimerosal causes calcium oscillations and sensitizes calcium-induced calcium release in unfertilized hamster eggs. (2)Miyazaki, S.-i. *et al.* (1992) *FEBS Lett.* **309**, 180-184Antibody to the inositol trisphosphate receptor blocks thimerosal-enhanced $Ca^{2\+}$-induced $Ca^{2\+}$ release and $Ca^{2\+}$ oscillation in hamster eggs. (3)Sayers, L.G. *et al.* (1993) *Biochem. J.* **289**, 883-887The effects of thimerosal on calcium uptake and inositol 1,4,5-trisphosphate-induced calcium release in cerebellar microsomes. (4)Missiaen, L. *et al.* (1991) *Nature* **352**, 241-244Spontaneous calcium-release from inositol trisphosphate-sensitive calcium stores. (5)Hecker, M. *et al.* (1989) *Biochem. Biophys. Res. Com.* **159**, 961-968The sulfhydryl reagent thimerosal elicits human platelet aggregation by mobilization of intracellular calcium and secondary prostaglandin endoperoxide formation.

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