

10398 COMPETITIVE PROBLEMS IN THE DRUG INDUSTRY

DEFENSE MEDICAL PURCHASE DESCRIPTION		NUMBER	DATE
		5	21 September 1966

FEDERAL STOCK NO.	ITEM IDENTIFICATION	UNIT
6505-128-5705 and 6505-128-5710	THIMEROSAL TINCTURE, NF	Bottle

This purchase description covers the following items:

Federal Stock Number (FSN)	Item Identification
6505-128-5705	THIMEROSAL TINCTURE, NF, 1 pt (473 cc)
6505-128-5710	THIMEROSAL TINCTURE, NF, 1 gal (3.78 liters)

FSN 6505-128-5705 and FSN 6505-128-5710 shall comply with the following:

Shall be a fluorescent, orange-red, hydroalcoholic-acetone solution containing 100 mg Thimerosal per 100 ml.

Shall be in accordance with the tests, standards, and requirements of the N.F., including any supplements or revisions thereto for "Thimerosal Tincture", with the following additional requirements:

Shall assay to contain not less than 97.50 mg and not more than 104.0 mg Thimerosal (C₆H₅HgN₂O₂S), in each 100 ml of Thimerosal Tincture.

Shall be clear and free from sediment.

The pH of the solution shall be between 8.10 and 8.80 when determined colorimetrically.

The pH determination shall be on the final solution which includes the dye. An acceptable method for making this determination is as follows:

For this determination, a set of uniformly clear and colorless glass tubes (Nessler or comparison) will be used. A series of of standar solutions at specific pH values of 7.9, 8.1, 8.3, 8.5, and 8.9 containing thymol blue indicator are viewed transversely through an equal volume of the thimerosal tincture (containing the dye) in another glass tube.

An identical volume of the colored thimerosal tincture containing thymol blue is viewed transversely through an equal volume of water in another glass tube. A comparison of the two (2) sets of tubes is made to the nearest matching pH value.

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