Method

Glutaraldehyde-based disinfectants are used throughout the healthcare industry for cleaning and sterilizing. Many surfaces found in the medical, surgical, and dental environments are cleaned by dipping, wiping, or rinsing with glutaraldehyde solutions. Glutaraldehyde-based disinfectants are also used to clean dialysis machines and reusable dialyzers.

The Acid Titrant with Phenolphthalein Indicator Method

Reference: Method developed by CHEMetrics based on ASTM D 2194-79, Concentration of Formaldehyde Solutions.

In CHEMetrics' test, glutaraldehyde concentrations are determined by titration with sulfuric acid in the presence of sodium sulfite. Phenolphthalein is used as the end point indicator. A color change from colorless to pink signals the end of the titration. Results are expressed in percent (%) glutaraldehyde.

Visual Kit

Range: 0.1-1%
MDL: 0.10% / Method: Acid Titrant with Phenolphthalein Indicator

	Cat#
Titrets Kit	**K-4302**
Increments: 0.10, 0.11, 0.12, 0.13, 0.14, 0.15, 0.16, 0.18, 0.20, 0.25, 0.30, 0.35, 0.40, 0.50, 0.70, 1.0%	
Kit comes in a cardboard box and contains everything needed to perform 30 tests: thirty ampoules with valve assemblies, Indicator Solution, titrettor, 25 mL sample cup and instructions.	

Kit Components common to Glutaraldehyde

Description	Cat#
Sample Cup Pack, 25 mL (6 ea)	A-0013
Titrettor Pack (1 ea)	A-0053

Instructions and MSDS(s) are posted on our website.
If no shelf-life is listed for a product, then the shelf-life is at least 2 years.