

Method

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

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.

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

Titrets Kit	Cat#
	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, instructions, and MSDS.

Kit Components common to Glutaraldehyde

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

Instructions are posted on our website.

