

Method

Potassium permanganate is a very strong oxidizing agent. Its primary use is in the treatment of industrial and domestic water to remove various compounds.

The Ferrous Ammonium Sulfate Method

Reference: Developed by CHEMetrics, Inc.

The CHEMetrics' permanganate test kit is applicable to monitoring the concentration of permanganate in feed solutions used to treat potable water and wastewaters. The test method employs a titrimetric chemistry in which ferrous ammonium sulfate is the titrant. No additional indicator is required. A color change from colorless to pink signals the end of the test. Results are expressed as percent (%) KMnO_4 .

Visual Kit

Range: 0.3-3%
MDL: 0.30% / Method: Ferrous Ammonium Sulfate

Titrets Kit	Cat#
	K-7630

Increments:
0.30, 0.33, 0.36, 0.39, 0.42, 0.45, 0.48, 0.54, 0.60, 0.75, 0.90, 1.05, 1.2, 1.5, 2.1, 3.0 %

Kit comes in a cardboard box and contains everything needed to perform 30 tests: thirty ampoules with valve assemblies, titrettor, 25 mL sample cup and instructions.

Kit Components common to Permanganate

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.*

