



Chromate Test Kit

Product Description

Chromate and Chrome are toxic chemicals used in many industrial processes such as electroplating, powder coating and tanning. Wastewater discharges to sewer and to the environment are strictly regulated. The Chromate Test Kit offers a fast & reliable method for monitoring water quality when chromate or chrome is of concern.

Each Test Kit contains 100 test strips. The Test Strips have a small "reaction zone" that changes colour in proportion to the concentration of Chrome six.

Chromate and Chrome concentration is determined visually using a colorimetric method of comparing test strip colour change to a colour coded reference chart.

The measurement range is:

- Chromate: 3-100 mg/L
- Chrome (hexavalent): 1-45 mg/L

The test procedure is fast, requiring only about one minute to complete.

Supply Information

The Chromate Test Kit is supplied in a plastic box complete with:

- 100 Test strips in a resealable jar
- Bottle of acid reagent
- Plastic test vessel
- Instruction Manual



Product Specifications

Range: <ul style="list-style-type: none">• Chromate• Chrome (hexavalent)	3 - 100 mg/L 1 - 45 mg/L
Method:	Colorimetric based on formation of a red-violet diphenylcarbazone complex.
Accuracy:	Semi-quantitative method Chromate: 3, 10, 30, 100 mg/L Chrome: 1.3, 4.5, 13, 45 mg/L
Manufacturer:	Merck-Millipore
Dimensions:	Pack: 120 x 90 x 45 mm

Test Procedure

CrO_4^{2-}	0	3	10	30	100
Cr	0	1.3	4.5	13	45
			mg/l		

15 - 30 °C
5 ml
 $CrO_4^{2-} \rightarrow Cr$ at $pH < 1$
1 s
15 s

Ordering Information

Part Number: Chromate Test Kit, EWI-7
Price: \$195.00

Prices are in Australian dollars, and exclude GST and freight costs. For a quote including freight costs please email us at sales@enviowarehouse.com and include the delivery address.