Method

Reference: ASTM D 2327-80, Mono- and Dioctadecylamines in Water.

Filming amines are fed continuously into boiler feedwater to protect metal surfaces from corrosion caused by dissolved oxygen and carbon dioxide in condensate water. The amine forms a thin film on the surfaces that repels the potentially corrosive water.

CHEMetrics' 3-minute procedure uses the standard methyl orange chemistry and features a unique extraction technique. The extraction eliminates several steps required in other procedures and provides increased sensitivity.

The filming amine compound reacts with methyl orange to form a yellow-colored complex that is extracted into an immiscible organic solvent. Results are expressed in ppm (mg/L) octadecylamine.

Visual Kit

Range: 0-1 ppm
MDL: 0.025 ppm / Method: Methyl Orange

	Cat#
CHEMets Kit	**K-1001**
CHEMets Refill, 20 ampoule sets	R-1000
Comparator 0, 0.05, 0.10, 0.15, 0.25, 0.50, 0.75, 1.0 ppm	C-1001

Kit comes in a cardboard box and contains everything needed to perform 20 tests: Refill, Comparator, reaction tube with lid, tip breaking tool, ampoule caps, instructions, and MSDS.

Kit Components common to Filming Amine

Description	Cat#
Tip Breaking Tool Pack (5 ea)	A-0079
Reaction Tube w/Lid, Filming Amine (5 ea)	A-0087F
Ampoule Caps Pack (100 ea)	A-0095

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