



## ***Method ASTM D7065- Nonylphenol, Bisphenol A, p-tert-Octylphenol, Nonylphenol Monoethoxylate and Nonylphenol Diethoxylate***

This test method covers determination of nonylphenol (NP), nonylphenol ethoxylate (NP1EO), nonylphenol diethoxylate (NP2EO), octylphenol (OP), and bisphenol A (BPA) that are partitioned into organic solvent, separated using gas chromatography and detected with mass selective detection. These compounds or isomer mixtures are qualitatively and quantitatively determined by this method. This method adheres to selected ion monitoring mass spectrometry but full scan mass spectrometry has also been shown to work well under these conditions. Either analysis may be used.

### **Sample Collection, Handling and Preservation**

Grab samples are collected in pre-cleaned **1 liter glass** containers with Teflon – lined caps. Field blanks are needed to be able to follow conventional sampling practices. Samples are collected in refrigerated glass containers. Automatic sampling equipment must be free of Tygon tubing and other potential sources of contamination.

All samples are iced or refrigerated at 4° C from the time of collection until extraction.

Sample extracts are stored in the freezer at -10 °C until analysis. Water samples must be extracted in 7 days of collection. The sample extracts must be analyzed within 40 days of extraction.

### **Sample Shipment**

Samples should be packed in an appropriate cooler, padded against breakage and cooled with ice packs (cold packs). The samples are to be shipped overnight by FedEx or UPS (do not use the postal service).

