

Sampling Protocol for Analysis of Organic Compounds

This is to inform to all concerned in Central Pollution Control Board at Head Office, Delhi and Regional Directorates, that following protocol shall be maintained for collection and submission of samples at Trace Organics Laboratory, Delhi for analysis of organic compounds in environmental samples as detailed in Table given below.

Sample Matrix	Semi-volatile and Non-volatile organic compounds	
	Water samples	Solid samples (soil, sediment, sludge, waste)
Container	Amber glass bottle with PTFE-lined lid.	Wide-mouth amber glass container with PTFE-lined lid
Sample Size	<ul style="list-style-type: none"> • Ground Water / Drinking Water : 2 x 1 L • Surface Water / Wastewater : 1 L 	100 - 200 g
Preservation	Cold preservation at 0 - 6 °C. (add 3 mL of 10 % sodium thiosulfate solution in field to samples with residual chlorine)	Cold preservation at 0 - 6 °C.
Holding Time	<ul style="list-style-type: none"> • Extraction : within 7 days. • Analysis : within 40 days 	<ul style="list-style-type: none"> • Extraction: within 14 days. • Analysis: within 40 days

Note:

1. Details of Procedure for Sampling, Preservation, Receipt in Laboratory and Holding Time for Organics Samples, is mentioned in DOC: CB/SOP/TOL/13.
2. Samples with lesser volume and without preservation will not be accepted in Trace Organics Laboratory.