

Deionization of Formamide

Procedure:

Transfer the desired volume of formamide to a beaker.

Add ~5g of ion exchange resin per 100 ml of formamide to the formamide.

Stir ~30min RT.

Filter through Whatman or Millipore (or decant).

Store deionized formamide at -20°C .

Materials needed:

Formamide: Fisher cat # BP227 500

Ion Exchange resin: BioRad G 501-X8 (D) mixed bed resin, cat # 143-6425

Beaker

Stir plate

Filtration apparatus

USE CAUTION when handling Formamide. Absolutely wear gloves. Formamide is toxic. It is targeted to the reproductive organs.