

**11.1.35****AOAC Official Method 920.202  
Manganese, Iodine, Bromine, Arsenic,  
and Boric Acid in Water****Preparation and Separation of Sample  
First Action 1920****Final Action**

Evaporate 0.5–2 L test portion to dryness after addition of small amounts of solid  $\text{Na}_2\text{CO}_3$ . Boil residue thus obtained with  $\text{H}_2\text{O}$ , transfer to filter, and wash thoroughly with hot water. Use residue remaining on filter for determination of Mn. Dilute alkaline filtrate to definite volume and use for determination of I, Br, As, and  $\text{H}_3\text{BO}_3$ .