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## **ANNEX**

## DETERMINATION OF DICHLOROMETHANE AND 1,1,1-TRICHLOROETHANE **IDENTIFICATION AND DETERMINATION OF ORGANOMERCURY COMPOUNDS**

SCOPE AND FIELD OF APPLICATION

## B. **DETERMINATION**

## 3. **REAGENTS**

All the reagents should be of analytical purity.

- Concentrated nitric acid,  $d_4^{20} = 1.41$  g/ml. 3.1.
- 3.2. Concentrated sulphuric acid,  $d_4^{20} = 1.84$  g/ml.
- 3.3. Redistilled water.
- Potassium permanganate, 7 % (m/v) solution. 3.4.
- 3.5. Hydroxylammonium chloride, 1,5 % (m/v) solution.
- 3.6. Dipotassium peroxodisulphate, 5 % (m/v) solution.
- 3.7. Tin dichloride, 10 % (m/v) solution.
- 3.8. Concentrated hydrochloric acid,  $d_4^{20} = 1,18 \text{ g/ml}$ .
- Palladium dichloride impregnated glass wool, 1 % (m/m). 3.9.