

ISO 12846:2012-04 (E)

Water quality - Determination of mercury - Method using atomic absorption spectrometry (AAS) with and without enrichment

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Principle	2
4 General interferences	2
5 Sample collection and pre-treatment for drinking, surface, ground and rain-water samples	3
6 Determination of mercury after tin(II) chloride reduction and enrichment by amalgamation	4
6.1 Reagents and standards	4
6.2 Apparatus and instrumentation	6
6.3 Instrumental set-up	8
6.4 Procedure	8
6.5 Calculation	9
7 Determination of mercury after tin(II) chloride reduction without enrichment	9
7.1 Reagents and standards	9
7.2 Apparatus and instrumentation	9
7.3 Sample collection and pre-treatment for drinking, surface, ground and rain-water samples	10
7.4 Sample collection and pre-treatment for waste-water samples	10
7.5 Instrumental set-up	10
7.6 Procedure	10
7.7 Calculation	11
8 Expression of results	11
9 Test report	11
Annex A (informative) Performance data	12
Bibliography	15