

ISO 15181-6:2012-07 (E)

Paints and varnishes - Determination of release rate of biocides from antifouling paints - Part 6: Determination of tralopyril release rate by quantitation of its degradation product in the extract

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Principle	1
4	Supplementary information	2
5	Apparatus	2
6	Reagents and materials	2
7	Test samples	3
8	Preparation of calibration standards	3
8.1	General	3
8.2	Stock solution A	3
8.3	Stock solution B	3
8.4	Preparation of calibration standards from stock solutions	3
9	Recovery and conversion check standards	4
9.1	General	4
9.2	Stock solution C	4
9.3	Stock solution D	4
9.4	Preparation of recovery and conversion check standards	4
10	Procedure	5
10.1	General	5
10.2	Sample treatment	5
10.3	Preparation of chromatography eluent	5
10.4	Instrument calibration	5
10.5	Conversion and recovery determination	6
10.6	Sample determination	6
11	Calculation and expression of results	6
11.1	Calculation of the tralopyril concentration	6
11.2	Release rate for each test cylinder	7
11.3	Mean release rate for each set of three cylinders	8
11.4	Cumulative tralopyril release	8
11.5	Mean tralopyril release rate	8
11.6	Pseudo-steady-state mean tralopyril release rate	9
12	Validation of the method	9
13	Test report	9

Annex A (normative) Supplementary information	11
Annex B (informative) Additional information on tralopyril and BCCPCA	12
Bibliography	14