



# CERTIFIED REFERENCE MATERIAL BCR<sup>®</sup> – 725

## CERTIFICATE OF ANALYSIS

LYOPHILISED SALMON TISSUE			
	Mass Fraction (dry mass)		
	Certified value <sup>1)</sup> [µg/kg]	Uncertainty <sup>2)</sup> [µg/kg]	Number of accepted sets of results p
Flumequine	1170	210	11
Oxolinic acid	600	100	11
<p>1) Unweighted mean of the means of p accepted sets of data, each set being obtained in a different laboratory and/or with a different method of determination. The values are traceable to determination by HPLC.</p> <p>2) Expanded uncertainty estimated in accordance with the Guide to the Expression of Uncertainty in Measurement (GUM) with a coverage factor k = 2, corresponding to a level of confidence of about 95 %.</p>			

This certificate is valid for one year after purchase.

Sales date:

The minimum amount of sample to be used is 0.5 g.

### NOTE

This material has been certified by BCR (Community Bureau of Reference, the former reference materials programme of the European Commission). The certificate has been revised under the responsibility of IRMM.

Brussels, November 2002

Revised: December 2005, October 2006

Signed: \_\_\_\_\_



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## DESCRIPTION OF THE SAMPLE

The material consists of 2.2 g lyophilised salmon tissue material (including skin), as powder, bottled in amber glass vials, packaged under argon, closed with PTFE faced rubber lids, held in place with aluminium caps.

## ANALYTICAL METHOD USED FOR CERTIFICATION

LC-MS and LC-FLD with different extraction and clean-up techniques.

## PARTICIPANTS

- AFSSA Fougères, FR
- Danish Veterinary and Food Administration, IFSE, DK
- Danish Technological Institute, DTI, DK
- Ecole Nationale Vétérinaire de Nantes, FR
- Institute for Reference Materials and Measurements, IRMM, BE
- Ministerio de Sanidad y Consumo Instituto de Salud Carlos III, ES
- National Food Administration, Chemistry Division 3, SE
- National Veterinary and Food Research Institute, Dept. of Chemistry, FI
- Niedersächsisches Landesamt für Verbraucherschutz & Lebensmittelsicherheit, DE
- Norwegian College of Veterinary Medicine, NCVM, NO
- Universitat de Barcelona, ES
- Wetenschappelijk Instituut Volksgezondheid - Louis Pasteur, Dept. Voedingswaren, BE

## SAFETY INFORMATION

The usual laboratory safety precautions apply.

## INSTRUCTIONS FOR USE

The material is intended to be used for checking the accuracy of analytical methods.

The reference material is supplied in lyophilised form sealed under argon after vacuum treatment in brown glass vials. On receipt, the materials should be stored in the dark at  $-70^{\circ}\text{C}$  or below. The vials should be taken to a desiccator to equilibrate to room temperature before opening. Extracts from BCR-725 should be prepared immediately before analysis and should be prepared from re-constituted material, e.g. 1 g BCR-725 + 2 mL of (purified) water. However, results shall be given on a dry mass basis.

## STORAGE

The material should be stored at  $-70^{\circ}\text{C}$  or below.

However, the European Commission cannot be held responsible for changes that happen during storage of the material at the customer's premises, especially of opened samples.

## LEGAL NOTICE

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## NOTE

A technical report on the production of BCR-725 is supplied on the internet (<http://www.irmm.jrc.be/mrm.html>). A paper copy can be obtained from IRMM on request.

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