



CERTIFIED REFERENCE MATERIAL BCR[®]-697

CERTIFICATE OF ANALYSIS

PIG MUSCLE (CTC-free)		
Compound	Mass fraction (in reconstituted material) [mg/kg]	Number of accepted sets of data p
	Certified value ¹⁾	
Chlortetracycline	< 0.006	10
¹⁾ The value is based on the limit of detection of the most sensitive HPLC methods used in the intercomparison. The true value is with a probability of 95 % below this value.		

This certificate is valid for one year after purchase.

Sales date:

The minimum amount of sample to be used is 5 g (total content of the vial).

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: November 2005

Signed: _____

Prof. Dr. Hendrik Emons
Unit for Reference Materials
EC-JRC-IRMM
Retieseweg 111
2440 Geel, Belgium

DESCRIPTION OF THE SAMPLE

The material consists of lyophilised material equivalent to approximately 5 g of fresh tissue in sealed glass vials.

ANALYTICAL METHOD USED FOR CERTIFICATION

The detection and quantification was done using HPLC with UV or fluorescence detection.

PARTICIPANTS

Amt für Umweltschutz, Chemisches Institut, Stuttgart (DE)
Central Veterinary Laboratory, Surrey (UK)
Centre National d'Etudes Vétérinaires et Alimentaires, Fougères (FR)
Chemische Landesuntersuchungsanstalt Freiburg, Freiburg (DE)
Chemische Landesuntersuchungsanstalt Karlsruhe, Aussenstelle Mannheim (DE)
Chemisches und Veterinäruntersuchungsamt, Fellbach (DE)
Danish Veterinary Food Control Laboratory, Ringsted (DK)
Institut Scientifique de la Santé Publique, Brussels (BE)
National Veterinary and Food Research Institute, Helsinki (FI)
Nestec LTD, Nestlé Research Center, Lausanne (CH)
State Laboratory, Dublin (IE)
The Queen's University of Belfast, Belfast (UK)
Universiteit Gent, Merelbeke (BE)

SAFETY INFORMATION

The usual laboratory safety precautions apply.

INSTRUCTIONS FOR USE

Before use allow the vial to warm up (keep in the dark at room temperature for at least 30 min.). Add 3.72 ± 0.02 g of de-ionised water into the vial. Do not carry out the weighing under extreme temperature conditions. Swirl thoroughly and when applicable, add the necessary amount of internal standard. The reference material can then be used. The total content of the vial (5 g) must be used. If the amount of tissue normally analysed is 10 g or greater then two vials (or more) should be used. For further instructions refer to the certification report.

STORAGE

The materials should be stored in the dark at -18 °C.

LEGAL NOTICE

Neither IRMM, its subsidiaries, its contractors nor any person acting on their behalf.

(a) make any warranty or representation, express or implied that the use of any information, material, apparatus, method or process disclosed in this document does not infringe any privately owned intellectual property rights; or

(b) assume any liability with respect to, or for damages resulting from, the use of any information, material, apparatus, method or process disclosed in this document save for loss or damage arising solely and directly from the negligence of IRMM or any of its subsidiaries.

NOTE

A technical report on the production of BCR[®]-697 is supplied on the internet (<http://www.irmm.jrc.be>). A paper copy can be obtained from IRMM on request.