



CASA[®] method of AES Chemunex certified by MicroVal



CASA[®] (*Campylobacter* Selective Agar) method for *Campylobacter* spp enumeration in meat and poultry products and in environmental samples has been validated and certified by MicroVal.

MicroVal is the European organization for the validation and certification of alternative microbiological methods according to [EN-ISO 16140](#).

MicroVal certificate

On 31 October 2011 a MicroVal certificate RQA2010LR38 was issued to AES Chemunex for their CASA[®] (*Campylobacter* Selective Agar) method for the enumeration of *Campylobacter* spp in meat and poultry products and in environmental samples.

The validation studies were performed by the MicroVal Expert Laboratory Adria Développement (France). The MicroVal Method Reviewers, Dr. Henk Stegeman and Dr. Jo Klaessens, reviewed the validation reports. The MicroVal Certification Body Lloyd's Register QA (The Netherlands) issued the certificate. The certificate will be valid for 4 years. After that period the certificate can be renewed on the request of the manufacturer. MicroVal experts will judge whether the kit and kit insert still comply with the criteria of the EN-ISO 16140.

Principle of the method

The CASA[®] method is an alternative method for the enumeration of *Campylobacter* spp in meat products and environmental samples. It is based on the use of the CASA[®] chromogenic medium. It consists of a nutritive base combining different peptones and a chromogenic substrate. The

differentiation of *Campylobacter* spp from other species is based on the appearance of typical brick red colonies. The selective mixture inhibits the growth of most of the other micro-organisms.

Samples diluted in buffered peptone water or in peptone salt are inoculated onto CASA® plates by surface plating. Characteristic colonies are confirmed using all the following proposed confirmation tests:

- Tests described in the ISO/TS 10272-2:2006;
- Microgen *Campylobacter* latex test on one characteristic colony

In order to improve the practicability of the method, the reading of the plates and the latex test can be realized after 72H storage at 2-8°C.

Reference method

The methods were compared to the reference ISO/TS 10272-2:2006 standard: horizontal method for detection and enumeration of *Campylobacter* spp. Part 2: Colony count technique

Scope

Meat and Poultry products, environmental samples

Restriction of use

None

More information?

For more information you may contact the MicroVal secretariat, Netty Zegers, phone +31.15. 2 690 410, e-mail: netty.zegers@nen.nl

The [MicroVal certificates](#) can be found at www.microval.org