

Certificate - Extract

Product Number EB003
Lot Number EB90230
Expiry Date 2010-02-28
Date of Issue 2009-03-06

Optical & Physical Properties

| Test | Specification | Result | Pass / Fail |
|------------|---------------|---------|-------------|
| Appearance | Clear | Clear | Pass |
| | 2 Phase | 2 Phase | Pass |

Quality Test*

| O.D. culture, dilution | Specification (PCR result) | Result | Pass / Fail |
|------------------------|----------------------------|--------|-------------|
| O.D. 0,3-0,4, 1:10 | + | + | Pass |
| O.D. 0,3-0,4, 1:100 | + | + | Pass |
| O.D. 0,3-0,4, 1:1000 | - or + | + | Pass |

*Quality test performed acc. to SOP QS-QA-2131-xx (Quality control of EntericBio Extract) using *E. coli* ATCC 35218 and a PCR protocol of Hsu and Tsen (2001).

Reference:

Hsu, S.-C. and Tsen, H.-Y. (2001): PCR primers designed from malic acid dehydrogenase gene and their use for detection of *Escherichia coli* in water and milk samples. *Int. J. Food Microbiol.* 64: 1-11

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