CORRECTION

CODE: ... E01
NAME: ...Ethanol (96 per cent)
(Correction of the sign-off document Rev 2 signed on 2012.11.07)

Item to be corrected: Test for volatile impurities, calculation of the limit for Acetaldehyde and Acetal: formula

Acetaldehyde + acetal: maximum 10 ppm(V/V), expressed as acetaldehyde.

Calculate the sum of the contents of acetaldehyde and acetal in parts per million (V/V) using the following expression:

\[
\frac{10 \times A_T}{A_T - A_R} + \frac{30 \times C_T \times 44.05}{(C_T - C_R) \times 118.2}
\]

- \( A_T \) = area of the acetaldehyde peak in the chromatogram obtained with test solution (a).
- \( A_R \) = area of the acetaldehyde peak in the chromatogram obtained with reference solution (b).
- \( C_T \) = area of the acetal peak in the chromatogram obtained with test solution (a).
- \( C_R \) = area of the acetal peak in the chromatogram obtained with reference solution (c).
- 44.05 = molecular mass of acetaldehyde.
- 118.2 = molecular mass of acetal.

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