

Alcohol Countermeasure Systems Corp 50 International Boulevard Toronto, Ontario M9W 612 CANADA 603-corp com

CERTIFICATE OF ANALYSIS

Alcohol Countermeasure Systems
Alcohol Reference Solution
Lot No: 201505A

Expiry Date: May 12, 2017

This solution was analyzed using the direct injection gas-chromatographic procedure coupled with the internal standard technique commensurate with forensic alcohol methodology.

A screening (pre-mix) analysis of the distilled water used in the preparation of this solution indicated that there were no volatile impurities present.

The target analytical concentration was 0.242-0.248~gram/dL~(wt/vol) ethyl alcohol in aqueous solution with an equivalent vapour alcohol concentration of 0.200-0.205~gram/210L when used in a breath alcohol simulator heated to $34\pm0.2^{\circ}C$.

The solution was found to have an analytical concentration of 0.245 gram/dL (wt/vol) ethyl alcohol in aqueous solution with an equivalent vapour alcohol concentration of 0.203 g/210L when used in a breath alcohol simulator heated to 34 ± 0.2 °C.

The solution is manufactured from distilled/de-ionized water and absolute ethyl alcohol (USP Grade). This lot contains 2500 bottles (of 500 mL each) of Alcohol Reference Solution.

Date of Menlysis: May 12, 2015

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