

Alcohol Countermeasure Systems Corp. 60 International Boulevard Toronto, Ontario M9W 6J2 CANADA

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CERTIFICATE OF ANALYSIS

Alcohol Countermeasure Systems Alcohol Reference Solution Lot No: 201403F

Expiry Date: March 25, 2016

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 0.059 - 0.062 gram/dL (wt/vol) ethyl alcohol in aqueous solution with an equivalent vapour alcohol concentration of 0.049 - 0.051 gram/210L when used in a breath alcohol simulator heated to 34 + 0.2°C.

The solution was found to have an analytical concentration of 0.0608 gram/dL (wt/vol) ethyl alcohol in aqueous solution with an equivalent vapour alcohol concentration of 0.050 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 1658 bottles (of 500 mL each) of Alcohol Reference Solution.

Date of Analysis: March 25, 2014

G.J. Kupferschmidt, B.Sc., M.Sc., MCIC, C.Chem

G. Kupferschmidt Consulting Services Ltd.