Wet-Bath Simulator Ethanol Calibration Solutions specifications for Breath Alcohol Testing Devices.

RE: Wet-Bath Simulator Ethanol Calibration Solutions for Breath Alcohol Testing Devices.

The following are the Bid specs for the Wet-bath Simulator Ethanol Calibration Solutions for Breath Alcohol Testing Devices :

1. The Vendor agrees to supply Ethanol solutions for the following concentrations: 0.020, 0.040, 0.080, 0.100, 0.120, 0.200, 0.400, 0.500 g/210L respectively
2. The Vendor guarantees each solution to be within 2% or 0.002 g/210L, whichever is the greater, of the stated concentration.
3. The Vendor shall furnish ADFS with a Certificate of Analysis for each lot of solution purchased. The Certificate of Analysis will indicate the method of analysis used, the date of the analysis, and the name of the laboratory who performed the analysis.
4. The Ethanol Solutions will be supplied in quantities of 100 bottles per lot.
5. Each bottle will contain 500 milliliters of Ethanol solution.
6. Each bottle will bear a label displaying the following information:
   a. Lot Number,
   b. Manufacture date,
   c. Name of the person preparing the solution,
   d. Said concentration of solution expressed in g/210L when delivered into a breath testing device at 34.0°C
   e. Expiration date
   f. Vendor name and address
7. The Ethanol solutions will be supplied in sealed, sterile plastic containers.
8. The Vendor guarantees Ethanol Solutions will be manufactured using distilled water and be free of any contaminates.
9. The Vendor agrees to replace at no cost to DFS, any solution(s) found to be contaminated or failing to meet the acceptable criteria for any concentration as described in Item 2.

In addition to the above required specifications it is preferred that the Vendor and/or solution manufacturer be ISO 17025 accredited or its equivalent. In lieu of ISO 17025 accreditation the Vendor and/or manufacturer agrees to allow the AL Dept. of Forensic Sciences or its designee to inspect their facility and to provide ADFS for its' review copies of any and all procedures, data, and quality documents related to the manufacturing of the aforementioned solutions.