



H2 Analytics
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Report # H2A24020802

Laboratory Report

Product Tested

Echo Refresh Inhalation Machine

Tests Requested

H₂ Flow Rate on all settings

Test Equipment

Laboratory elevation: 864 meters (0.91 atm); all measurements adjusted to SATP
Test Equipment: Mass flow meter, M-10SLPM-TFT, Alicat Scientific, Tucson, AZ

Test Method

Distilled water was added to the reservoir before testing. The "Y" tube was connected to both H₂ output ports and the H₂ flow rate was measured from the combined output line. The hydrogen flow rate was tested on the 900, 1350, and 1800 mL/min settings using a mass flow meter. It appears that these settings represent the combined flow rates of both the H₂ and the O₂. For example, because the volumetric ratio of H₂ to O₂ produced during electrolysis is 2:1, then, on the 900 mL/min setting, we would expect to see an H₂ flow rate of 600 mL/min and an O₂ flow rate of 300 mL/min.

Results

900 mL/min setting: 590 mL/min; 1350 mL/min setting: 930 mL/min; 1800 mL/min: 1280 mL/min

A handwritten signature in black ink that reads 'Randy Sharpe'.

Approved By: Randy Sharpe, Director of Testing



Report Date: 2/8/2024