



# H<sub>2</sub> HUBB Official Test Report

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## HydrogenMed Biotechnology - Portable Pure H<sub>2</sub> + Air Inhalation System

### **Product:**

**Name:** 2% Hydrogen + Air Inhaler

**Company:** HydrogenMed Biotechnology Corp.

**Mfgr rated H<sub>2</sub> Output:** 50 mL/min ± 10%

**Type:** Pure H<sub>2</sub> (>99.999/5N) + Air Inhalation Device

- PEM/SPE

**Model:** SE-002

**Serial number:** SE022001239

**Tester:** Tywon Hubbard (TH)

**Local altitude:** 909 feet (277 meters)

**Testing start date:** 6/4/20

**Completion date:** 6/18/20

### **PERFORMANCE:**

#### **H<sub>2</sub> Flow (mL/min) Confirmation Test:**

- **METHOD:**
  - Distilled water (used to verify independent conductivity of the PEM)
  - Water Temperature: 75~77F/23.8~25C
  - Reservoir Vol Size: 150 mL/0.150L
  - Test methodology: Precision Gas Displacement
  - All mL/min test converted to SATP
  - Test location: 277 meters (909 ft elevation)
  - Claimed H<sub>2</sub> Output: 50 mL/min or 4.12 mg/min (@ SATP)
  - Claimed Air Output: 1.2 L/min (@ SATP)
  - Claimed H<sub>2</sub> gas percentage: Delivers 2% of H<sub>2</sub> at nasal prongs
  - H<sub>2</sub> Flow Test: mL/min, normal timing (60 mins) for a breathing session
    - H<sub>2</sub> Output @ SATP
    - Air Output @ SATP
- **H<sub>2</sub> Flow Test @ SATP:**
  - Test 1: 52.25 mL/min: converts: 4.30 mg/min
  - Test 2: 52.25 mL/min: converts: 4.30 mg/min
  - Test 3: 54.20 mL/min: converts: 4.46 mg/min
  - Test 4: 52.25 mL/min: converts: 4.30 mg/min
  - Test 5: 52.25 mL/min: converts: 4.30 mg/min
- **Air Flow Test @ SATP:**
  - Test 1: 1.30 L/min
  - Test 2: 1.30 L/min

- Test 3: 1.28 L/min
  - Test 4: 1.27 L/min
  - Test 5: 1.27 L/min
    - **H<sub>2</sub> mL/min (mg/min) Avg:** 52.64 mL/min ± (5%)
    - **Air L/min Avg:** 1.28 L/min
    - **Total Gas Mixture (H<sub>2</sub> + Air) L/min:** 1.33L/min
    - **Percentage of H<sub>2</sub> in total Gas Mixture:** 4%
    - **Claimed Mfgr's H<sub>2</sub> mL/min (mg/min)confirmed:** Yes
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**Summary Report Only.  
Not Full Test Report.**

**Other testing and technical sections are not included out of respect and professional courtesy of the RPC.**

*H<sub>2</sub> Hubb LLC disclaimer: All tests conducted and test results produced by H<sub>2</sub> Hubb LLC have been done according to industry-accepted practices and standards. Nevertheless, these results may not necessarily reflect test results performed by manufacturers, suppliers or third-party labs. Our test results are independent of all other parties, and testing by other parties may produce different results. We understand that many variables are involved in testing, some of which are extremely difficult to control. These reports are not meant or intended for any other purpose but to uphold H<sub>2</sub> Hubb LLC business practices and to validate the reasons for our recommendations.*

**Approved by: Tywon Hubbard**



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CEO, H<sub>2</sub> HUBB LLC.

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