



OZONE CONCENTRATION TEST SUMMARY

Guangdong Detection Center of Microbiology – Report No.
2021FM08210R02Da

1. Testing Facility Credibility

The Guangdong Detection Center of Microbiology (GDDCM) is a CNAS accredited national laboratory recognized for chemical, biological, and air-quality testing. It meets strict ISO/IEC 17025 competence standards and is widely used for third-party verification of disinfection and Air-purification devices.

2. Description of the Test

- Test Standard: **HJ 504-2009** (Ozone concentration measurement in sealed test chambers)
 - Device Tested: OH-FEEL Hydroxyl Air Protection System (Model CZ02)
 - Sample Quantity: 4 units
 - Test Chamber Volumes: **1 m³** and **10 m³**
 - Exposure Time: **1 hour**
 - Purpose: Measure ozone accumulation in confined environments. (Page 2-3)

3. Key Results (Page 3)

1 m³ sealed chamber (1 hour): 0.095 mg/m³ (~47.5 ppb)
10 m³ sealed chamber (1 hour): <0.010 mg/m³ (<5 ppb)

Interpretation:

- The 1 m³ chamber represents an extreme, unrealistic confinement condition—far smaller than any vehicle, room, or indoor space. Even under this compression test, ozone remained near international safety limits.
 - The 10 m³ chamber result (<5 ppb) demonstrates safe operation far below the **50 ppb** international health threshold for indoor ozone.

4. Summary Statement

Testing confirms that the OH-FEEL CZ02 produces extremely low ozone levels in realistic indoor spaces (<10 m³), and only approaches higher levels when tested in an artificially small 1



OH-Feel Hydroxyl Air & Surface Sanitization System

*"OH-Feel is Not an Air Filter
It is Far More Effective"*

m³ stress chamber. These results validate that OH-Feel portable/vehicle units operate safely within global ozone guidelines.

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*This summary is provided for clarity.
Refer to the original ozone concentration test report for full data and methodology.*