

The Company

CONTAINEX Container-Handelsgesellschaft m.b.H  
 Industriezentrum NÖ-Süd Straße 14  
 2355 Wiener Neudorf  
 ÖSTERREICH

**acquires, based on the strict indoor air values required by the CLEANAIR standard, the rights to label the containers mentioned in this document with the CLEANAIR logo.**

**The measured values are documented in test report no. VN226 148476.2.**



[www.clean-air-forum.com](http://www.clean-air-forum.com)

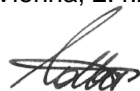
## Container Typ BASIC und Typ CLASSIC

| Parameter  | Test value  |
|--|---|
| Intensity of odour   | Grade 1,00  |
| Nature of odour  | None, as for the materials of the interior as untypically classified smell. |
| Volatile organic compounds (TVOC)                                      | 20 µg/m <sup>3</sup>  |
| Carcinogens of the EU categories 1 and 2 (EU directive 67 / 548 / EEC) | ≤ 0,001 mg/ m <sup>3</sup>  |
| Formaldehyde   | 16 µg/m <sup>3</sup>  |

The single substance analysis of volatile organic compounds (VOC) did not show any exceedance of the standard values valid in Europe (RW1). The holder of the certificate has committed itself to the institute by means of a declaration of conformity according to ISO 17050-1, to mark only goods conforming to the test sample with the CLEANAIR logo.

This certificate is valid until 30.4.2020

Vienna, 2.4.2019



Brigitta Colbert

Head of Department Indoor Air Quality

## **Requirements according to CLEANAIR Standard**

| <b>Parameter</b>   | <b>Requirement</b>   |
|--|--|
| Intensity of odour   | ≤ Grade 3  |
| Nature of odour  | No, as for the materials of the interior arrangement as an atypical classed smell. |
| Volatile organic compounds (TVOC) Nature of odour                      | ≤ 300 µg/m <sup>3</sup>  |
| Cancerogene of the EU categories 1 and 2 (EU directive 67 / 548 / EEC) | ≤ 0,001 mg/m <sup>3</sup>  |
| Formaldehyde   | ≤ 60 µg/m <sup>3</sup>   |

In addition to the TVOC content, the individual concentration of RW I values in the current version must not be exceeded.

The tests of the indoor air took place according to the standards mentioned in the CLEANAIR standard:

### **Sensory determination of odour:**

The odour test is carried out by sensory odour examiners certified according to ÖNORM S 5701 and based on the guidelines „Indoor Odours - Sensory Determination and Assessment ", produced by the Working Group on Indoor Air at the Federal Ministry of Sustainability and Tourism and the Austrian Academy of Sciences.

|      |                   |
|------|-------------------|
| 0    | odourless         |
| 1,00 | very faint smell  |
| 2,00 | weak smell        |
| 3,00 | moderate smell    |
| 4,00 | strong smell      |
| 5,00 | very strong smell |

### **Quantitative Determination of volatile compounds:**

- EN ISO 16000-1 – Indoor air – Part 1: General aspects of sampling strategy
- EN ISO 16000-5 – Indoor air – Part 5: Sampling strategy for volatile organic compounds (VOCs)
- ISO 16000-6 – Indoor air – Part 6: Determination of volatile organic compounds in indoor and test chamber air by active sampling on Tenax TA® sorbent, thermal desorption and gas chromatography using MS or MS-FID

### **Quantitative Determination of Formaldehyde:**

- EN ISO 16000-1 – Indoor air – Part 1: General aspects of sampling strategy
- EN ISO 16000-2 – Indoor air – Part 2: Sampling strategy for formaldehyde
- ISO 16000-3 – Indoor air – Part 3: Determination of formaldehyde and other carbonyl compounds in indoor air– active sampling method.