

Ammonia Vapor Breakthrough Indicator Sticker Type B (NH₃ BTIS B) (PN: 251)



Manual



1. Application

The Ammonia breakthrough indicator sticker type B (PN: 251) is a colorimetric indicator for the detection of traces of ammonia in air, suitable locations are the inside of window glass of chemical transport vehicles and the inside window of chemical storage cabinets where representative samples can be obtained.

2. Specifications

- | | |
|------------------------------|---|
| a. Weight: | 0.4g (0.02oz) |
| b. Dimensions: | 2.0mm (0.11in), ϕ : 38.1mm (1.5in) |
| c. Operating temperature: | -20°C to 65°C (-4°F to 149°F) |
| d. Operating humidity: | 5% RH to 85%RH |
| e. Minimum detectable limit: | 10ppm-hr at 30 cm/sec face velocity |
| f. Color change: | Light blue to blue or purple |
| g. Storage temperature: | 4°C to 25°C, (39°F to 77°F) |
| h. Shelf life: | 2 years at 4°C to 25°C, (39°F to 77°F) |
| i. Service life: | 4 months |

Cross interferences: No interferences are known.

3. Operating Instructions

- Ensure that packaging pouch is intact.
- Open packaging pouch by tearing off the top part from one of side notches.
- Remove indicator sticker from the packaging pouch (Figure 1).
- Peel off the protective liner to expose adhesive (Figure 2).



Caution: Avoid touching adhesive and exposure area

- Figure 3 shows the view result area of the indicator and the locations of the three adhesive discs.
- Hold the indicator from the edges and place it on a suitable location position on the inside of window glass of chemical transport vehicles or the inside window of chemical storage cabinets where representative samples can be obtained.
- Press firmly to adhere the indicator on the location surface.
- Formation of blue or purple color indicates the presence of ammonia.



Figure 1

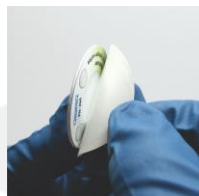


Figure 2

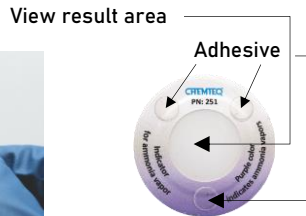


Figure 3

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