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Gastec Tube Datasheet

Carbon Dioxide

CO₂

NO.GAS2AG



Performance

| | |
|--|---|
| Measuring Range | 200 to 3000 ppm (100ppm Detection Limit) |
| Sampling Rate | 100ml/min (150ml) |
| Correction Factor | 1 |
| Sampling Time | 1.5 minutes |
| Colour Change | Pale Blue → Purple |
| Reaction Principle | $\text{CO}_2 + \text{N}_2\text{H}_4 \rightarrow \text{NH}_2\text{NHCOOH}$ |
| Coefficient of Variation | 10% (for 200 to 1000 ppm), 5% (for 1000 to 3000 ppm) |
| Shelf Life | Up to 3 years |
| Corrections for temperature & humidity | Unnecessary |
| Store the tubes at cool and dark place. | |

Calibration gas generation High pressure gas cylinder method

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