

Method 7E - Interference Response

Date of Test: August 15, 2022
Gas of Interest: NO / NOx
Analyzer Type: Chemiluminescent (CLD)
Model: 700LX CLD
Serial Number: 2206022
Range: 100 ppm
Calibration Span: 93.86 ppm NO / Balance Nitrogen

| Test Gas | Interferent Concentration | As ppm NO | As ppm NOx | |
|-------------------------|---------------------------|-----------|------------|-----|
| CO2 | 4% | -0.01 | 0.01 | |
| CO2 | 20% | -0.01 | 0 | |
| N2O | 1000 ppm | 0.02 | 0.02 | |
| CO | 100 ppm | 0 | 0 | |
| NH3 | 100 ppm | 0.27 | 0.09 | |
| CH4 | 50 ppm | -0.01 | -0.01 | |
| SO2 | 50 ppm | 0.04 | 0.07 | |
| HCL | 10 ppm | -0.02 | 1.73 | |
| Sum of responses = | | 0.28 | 1.91 | ppm |
| Span value = | | 98.86 | 98.86 | ppm |
| % of Span Calibration = | | 0.28% | 1.93% | |