

Table 7E-3. Interference Check

Potential Interferent Gas	Sample Conditioning Type			
		Hot Wet	Dried	Diluted
		Interferent Target Concentration		
CO ₂		5 and 15%	5 and 15%	Note 1
H ₂ O		25%	1 %	
NO		15 ppmv	15 ppmv	
NO ₂		15 ppmv	15 ppmv	
N ₂ O		10 ppmv	10 ppmv	
CO		50 ppmv	50 ppmv	
NH ₃		10 ppmv	10 ppmv	
CH ₄		50 ppmv	50 ppmv	
SO ₂		20 ppmv	20 ppmv	
H ₂		50 ppmv	50 ppmv	
HCl		10 ppmv	10 ppmv	
Total Interference	± 2.5 % of upper range limit or ± 0.5 ppmv for 0-20 ppmv range, or ± 0.2 ppmv for 0-5 range			

- Notes: 1) Use the Hot Wet concentrations divided by the minimum dilution ratio specified for the system.
- 2) Any of the above specific gases can be eliminated or tested at a lower level if the manufacturer has provided reliable means for limiting or scrubbing that gas to a specified level.