

## Partial Pressure

**Table 1: Sulfuric Acid Partial Pressure**

Temperature (°C)	Weight percent H <sub>2</sub> SO <sub>4</sub>			
	94	96	98	100
20	0.136E-07	0.179E-07	0.224E-07	0.273E-07
30	0.415E-07	0.543E-07	0.680E-07	0.824E-07
40	0.117E-06	0.153E-06	0.191E-06	0.230E-06

**Table 2: Water Partial Pressure**

Temperature (°C)	Weight percent H <sub>2</sub> SO <sub>4</sub>			
	94	96	98	100
20	0.101E-05	0.390E-06	0.978E-07	0.201E-08
30	0.275E-05	0.108E-05	0.275E-06	0.575E-08
40	0.696E-05	0.278E-05	0.720E-06	0.153E-07

**Table 3: Sulfur trioxide Partial Pressure**

Temperature (°C)	Weight percent H <sub>2</sub> SO <sub>4</sub>			
	94	96	98	100
20	0.141E-10	0.482E-10	0.241E-09	0.142E-07
30	0.557E-10	0.186E-09	0.911E-09	0.528E-07
40	0.201E-09	0.655E-09	0.315E-08	0.179E-06

**Table 4: Total Pressure**

Temperature (°C)	Weight percent H <sub>2</sub> SO <sub>4</sub>			
	94	96	98	100
20	0.102E-05	0.407E-06	0.121E-06	0.435E-07
30	0.279E-05	0.113E-05	0.344E-06	0.141E-06
40	0.708E-05	0.293E-05	0.914E-06	0.425E-06