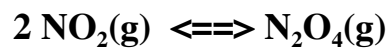


Nitrogen Dioxide Equilibrium - LA Smog



Initial Concs (M)		Final Concs (M)	
$[\text{NO}_2(\text{g})]_0$	$[\text{N}_2\text{O}_4(\text{g})]_0$	$[\text{NO}_2(\text{g})]_{\text{eq}}$	$[\text{N}_2\text{O}_4(\text{g})]_{\text{eq}}$
0.000	0.670	0.0547	0.643
0.0500	0.445	0.0457	0.448
0.0300	0.500	0.0475	0.491
0.0400	0.600	0.0523	0.594
0.200	0.00	0.0204	0.0898

Ratios of Equilibrium Concentrations (25°C)

$\frac{[\text{N}_2\text{O}_4(\text{g})]}{[\text{NO}_2(\text{g})]}$	$\frac{[\text{N}_2\text{O}_4(\text{g})]}{[\text{NO}_2(\text{g})]^2}$
11.76	215
9.80	215
10.34	218
11.36	217
4.4	216