

$Tc_2O_7(g)$

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1971.

Selig, H., Friedl S.

" Raman spectra of technetium
heptoxide "

Inorg. Nucl. Chem. Lett. 7 (1971)

315-323

$\text{Te}_2\text{O}_7(\text{g})$

[96 BEA/GIL]

1996

Beattie, I. R., Gilson, T. R., Jones P. J.

" Vapor phase vibrational spectra

Re_2O_7 and infrared spectrum

of gaseous HReO_4 molecular

shape of Hn_2O_7 , Te_2O_7 and Re_2O_7 "

Inorg. Chem., 35 (1996) 1301-1304

$\text{Tc}_2\text{O}_7(\text{g})$

[99RAR/RAN]

1999

Chemical Thermodynamics of Technetium.

$$\Delta_f G_{298}^\circ = 904,823 \pm 16,462 \text{ kJ} \cdot \text{mol}^{-1}$$

$$\Delta_f H_{298}^\circ = -1008,100 \pm 16,063 \text{ kJ} \cdot \text{mol}^{-1}$$

$$S_{298}^\circ = 436,641 \pm 12,000 \text{ J} \cdot \text{K}^{-1} \cdot \text{mol}^{-1}$$

$$C_{p,298}^\circ = 146,736 \pm 5,000 \text{ J} \cdot \text{K}^{-1} \cdot \text{mol}^{-1}$$



table III.1.