

Gailhanou et al. (2013), Standard entropies of elements in their reference state at 298.15 K. – Appendix 4.

Table A-4. Standard entropies of elements in their reference state at 298.15 K.

	$S^\circ(1b, 298.15 \text{ K})$ J/(K mol)	Reference
Al <sub>(cr)</sub>	28.30 ( $\pm 0.10$ )	Cox et al. (1989)
Si <sub>(cr)</sub>	18.81 ( $\pm 0.08$ )	Cox et al. (1989)
Fe <sub>(cr)</sub>	27.32 ( $\pm 0.13$ )	Chase (1998)
O <sub>2(g)</sub>	205.152 ( $\pm 0.005$ )	Cox et al. (1989)
H <sub>2(g)</sub>	130.680 ( $\pm 0.003$ )	Cox et al. (1989)
Mg <sub>(cr)</sub>	32.67 ( $\pm 0.10$ )	Cox et al. (1989)
Mn <sub>(cr)</sub>	32.01 ( $\pm 0.08$ )	Chase (1998)
Ti <sub>(cr)</sub>	30.72 ( $\pm 0.10$ )	Cox et al. (1989)
K <sub>(cr)</sub>	64.68 ( $\pm 0.20$ )	Cox et al. (1989)
Na <sub>(cr)</sub>	51.30 ( $\pm 0.20$ )	Cox et al. (1989)
Ca <sub>(cr)</sub>	41.59 ( $\pm 0.40$ )	Cox et al. (1989)

## References

- Chase, M.W.J. (1998) NIST-JANAF Thermochemical Tables, Journal of Physical Chemistry Reference Data, 9, 4th Edition. National Institute of Standards and Technology, Washington D.C.
- Cox, J.D., Wagman, D.D., and Medvedev, V.A. (1989) CODATA Key Values for Thermodynamics. Hemisphere Publishing Corporation, New York.