

lead sulphate

Other names:	Lead sulfate
Inchi:	InChI=1S/H2O4S.Pb/c1-5(2,3)4;/h(H2,1,2,3,4);/q;+2/p-2
InchiKey:	KEQXNNJHMWSZHK-UHFFFAOYSA-L
Formula:	O4PbS
SMILES:	O=S(=O)([O-])[O-].[PbH6+2]
Mol. weight [g/mol]:	303.30
CAS:	7446-14-2

Physical Properties

Property code	Value	Unit	Source
hfs	-919.97 ± 0.40	kJ/mol	NIST Webbook
ss	148.50 ± 0.60	J/mol×K	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C7446142&Units=SI>

Legend

hfs: Solid phase enthalpy of formation at standard conditions
ss: Solid phase molar entropy at standard conditions

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<https://www.cheméo.com/cid/53-716-8/lead-sulphate.pdf>

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