

NO_2^+ - нитрат

(не все селитры

образуются из $\text{NO}_2, \text{NO}_2^+$)!

UO_2^{2+}

$\Delta_f H^\circ_{298}$

[F(BA)]/ZAR]

1971.

Bailey A.R., Larson J.W.
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thermodynamics of dissociation
of uranyl and vanadyl sulfates,
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UO_2^+
 ΔH_{298}^0

[76 FUG/OET]

1976

Fuger H, Oetting F-Z.

"The chemical thermodynamics
of actinide elements and compounds:
Part 2. The actinide aqueous ions,
Vienna: International Atomic
Energy Agency, 1976, 65p



UO_2^{2+}
 ΔH_{258}°

[76 FUG/OET]

1976

Juger, Y., Oetting, F. 2.

"The chemical thermodynamics of actinide elements and compounds:

Part 2. The actinide aqueous ions,

Vienna: International Atomic

Energy Agency 1976, 65 p.

UO_2^{2+}

[49 GOL]

1949

Goldberg R.N.,

"Evaluation of activity coefficients
and osmotic coefficients for
aqueous solutions: Bi-univalent
compound of lead, copper, manganese
and uranium"

J. Phys. Chem. Ref. Data 1979, 8, 1005-50

UO_2^{2+}

[22 DEV/YEF]

1982

28 Nov 1982

Devina O. A., Yefimov M. Ye,

Melvick V. A., Khodakovskiy, I. L.

Thermodynamic properties of
the uranyl ion in aqueous
solution at elevated temperatures
Geochem. Int., 1982, 5, 161-172.

UO₂³⁻¹

[83 FUG/10 AR]

1983

DG 11⁰ 258

Fuger J., Parker V.B., Hubbard W.H.;
Deltong F. Z.

1. The chemical thermodynamics
of actinide elements and compounds:
Part 8. The actinide halides,
Vienna; International Atomic Energy
Agency, 1983, ● 267p.

UO_2^+

[87 RIG/VIT]

1987

ΔG°_{298} Riglet, C., Vitorge P., Grenthe I.,
"Standard potentials of $(\text{MO}_2^{2+}/\text{MO}_2^+)$
systems for uranium and other
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UO_2^{2+}
Cp⁰ 258

[89 HOR/NGU]

1989

Hovey F.K., Nguyen-Trung C., Tremaine P.K.,
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ion: Apparent and partial molar heat
capacities and volumes of aqueous
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UO_2^+

ΔG°_{1980}

[90CAP/VIT]

1980

Capdevila, H., Vitorge, P.

Temperature and ionic strength
influence on $U(VI/IV)$ and $U(IV/III)$
redox potentials in aqueous acidic
and carbonate solutions.

$\frac{1}{2}$ Radioanal. Nucl. Chem. Articles

1980, 143, 403-414

UO_2^{2+}

[90CAP/VIT]

1990

Capdevila, H., Vitorge, P.

"Temperature and ionic strength influence on $U(VI/V)$ and $U(IV/III)$ redox potentials in aqueous acidic and carbonate solutions".

J. Radioanal. Nucl. Chem. Articles
1990, 143, 403-14.

UO_2^+

[93 MIZ / PAR]

1993

Mizuguchi, K., Park Y. Y., Tomiyasu H.
,, Electrochemical and spectroelectrochemical studies on uranyl carbonate and aqua complex"

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WO_2^+

[99 DOC/MOS]

1999

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"X-ray absorption of tricarbonatodioxo-
uranate (V), $\text{WO}_2(\text{CO}_3)_3^{5-}$ in aqueous
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2UO_2^{2+}
 S_{298}°

[94SER/DEV]

1994

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- $(\text{CH}_3)_2\text{NCONH}_2$ - H_2 system"

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UO_2^{2+}
 SO_4^{2-}

[97GEI/EUT]

1997

Geipel G., Rutsch M., Bernhardt G.,
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"Increase of the ionic strength
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[97GUR/SER]

1997

S_{298}^0

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Kuznetova T.P., Khodakovskii I.Y.
"Thermodynamic properties of
uranyl hydroxide $UO_2(OH)_2$
(cr, 2, 2homb)" *Geochem. Int.* 1997, 74-87

WO_2^{2+}

[99 BOU/13] 2]

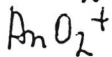
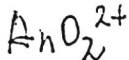
1999

Siss

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"Are the changes in the lifetime
of the excited W^{2+} ion of chemical
or physical nature?"

Chem. Phys. 1999, 241, 333-70



[2000 MAY/MAR]

2000

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and solution chemistry of AnO_2^{2+} and
 AnO_2^+ aquo complexes for $\text{An} = \text{U}, \text{Np}, \text{Pu}$ "
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UO_2^{2+}
 S_{238}

[2001 SEM/BOE]

2001

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UO_2^{2+}

[2001 BI 2/RUS]

2001

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non-complexing medium: $\text{HClO}_4/\text{NaClO}_4$
up to 10M.“

Chem. Phys. 2001, 270, 345-54.