

VOBr₃

VOBr_3
 AsBr_3

B8-111-3119

1961

) Vibrational spectra of vanadium oxytribromide and arsenic tribromide. Foil A. Miller and William K. Baer (Mellon Inst., Pittsburgh, Pa.). *Spectrochim. Acta* 17, 112-20 (1961)(in English).—Infrared data were obtained for VOBr_3 in the region $75\text{--}3000\text{ cm}^{-1}$. Assuming C_{3v} symmetry, the fundamental frequencies are $a_1 = 1025, 271, 120$; $e = 400, 212, 83\text{ cm}^{-1}$. Infrared and Raman spectra (with polarization measurements) were obtained for AsBr_3 . Reassigned fundamental vibrations for C_{3v} symmetry are $a_1 = 284$ (estd.), 128; $e = 275, 98\text{ cm}^{-1}$.

George M. Murphy

C.A. 1961, 55, 16.
15118d

VII 469 1962

VOBr₃, AsBr₃, PO(NCO)₃,
P(NCO)₃, ClC(CN)₃. (Vi)

Baer W.K.,

Dissert. Abstr., 1962, 23, 1937-8.

The infrared and Raman spectrum
of ...

ЕСТЬ Ф. К.

J

CA., 1963, 58, 7517f

1962

VOBr₃

The infrared and Raman spectrum of VOB₃, AsBr₃, PO(NCO)₃, P(NCO)₃, ClC(CN)₃; and the [C(CN)₃]⁻ ion. William Kern Baer (Univ. of Pittsburgh, Pittsburgh, Pa.). *Univ. Microfilms* (Ann Arbor, Mich.), Order No. 62-5097, 83 pp.; *Dissertation* Abstr. 23, 1937-8(1962). CA

AsBr₃

PO(NCO)₃

P(NCO)₃

ClC(CN)₃

[C(CN)₃]⁻

W. K. u raman

C.A. 1963.58.8

7515 f



VOBr_3

Clark R
et. al

1972

" J. Chem. Soc. Dalton,
Trans " 1972, 1522
2429-2433

Vi

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VOF_3 , VOCl_3

beabara

40716.4833

TC, Ph, Ch

VOBr₃(V_i)

1974

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X45688

Hovdan H., Cyvin S. ■ J., Brockner W.
Schwingungsberechnungen der isotopen
VOCl₃-moleküle, des VOBr₃ und der Verbin-
dungen VOCl_n Br_{3-n}, sowie einige Moleku-
larkonstanten der Titelverbindungen.

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706-711 (нем., рез. англ.)

(см. VOCl₃)
III

122 124

144152

ВИНИТИ

51007.6750

TC, Ph, Ch

(сч. пос)
54997 GR

$VOBr_3$

1975

ЖУ-9983

So S P Normal coordinate analysis
of vanadium oxytrihalides in the
Urey-Bradley force field. "Z. Phys.
Chem." (BBD), 1975, 97, N 1-2, 47-53
(англ.)

(сч. VOF_3 ; III)
0465 пик

445 446

ВИНИТИ

VOBr_3

1983

Mohan S., Ravikumar K.G., et al.



Vi, s.n., cur.

nocur.

Acta phys. pol.,
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(cell VOF_3 ; III)

VOBr_3

1983

Shohan S., Ravikumar K.G., et al.

Геохимия,
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и т.

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1983, A63, N5, 691-

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VOBr_3

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Natarajan A., Somasun-
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Indian J. Phys., 1983,
B 57, N3, 234-240.

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1984

curr. noem.
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Chopra J.R., Pandey A.N.,

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VOBr₃

1986

Elbel, Susanne,
Kudrig, Jens., et al.

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empyk-
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(cur. POF₃; III)

VOBr_3

1992

Pershina V., Lepp W.D.
et al.,

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структура,
теор. расчет

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(Calc. VOCl_3 ;  III)

$\text{VOBr}_3(\text{g})$

(DM-37604)

1994

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Thermodyn. Inorg. Chem., 1994, 33,
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Spectra and Thermodyn. Properties
of Vanadium ● Bromide Vapors

VOBr₃

1996

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1996. 41, N 4. С. 632-636.

(см. VOBr₃; III)