

Suprunovich, I. B. and Shamshin, D. L.
SYNTHESIS OF O-DIETOLYLTHIOCARBAZONE AND
A STUDY OF ITS ANALYTICAL PROPERTIES.
[1961] 3p.

Order from ATS \$10.95

ATS-01N55R

Translation of Zhur[av] An[d]ticheskoi Khim[i] (USSR)
1946, v. 1, no. 3, p. 198-205.

DESCRIPTION: •Hydrolysis, •Thio radicals,
•Carbazones, Synthesis.

(Continued in Organic, TT, v. 6, no. 12)

01-25727

I. Suprunovich, I. B.
II. Shamshin, D. L.
III. ATS-01N55R
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

ATS RJ-4078

197114

Associated Technical Services

Use of Diphenylthio Carbazone (Dithion) in Analysis.
I. Acid Properties of Dithion, by A. K. Babko,
14 pp. UNCLASSIFIED

RUSSIAN, 20 pp, Zhur Anal Khim, Vol I, Nos 5, 6, 1945.

NYH

Scientific - Chemistry
Box Only

13,052

Amperometric Titration of the Phosphate Ion,
by V. F. Toropova, G. S. Yakovleva, 10 pp.

RUSSIAN, per, Zhur Anal Khim, Vol I, No 5/6,
1946, pp 290-294.

NRC TT-827

Sci

OTS, Vol III, No 6

Sep 60

126,862

Zhurnal Khim. 1947 No. 1 pp 33-42

Borko P. P. Ilyukhin

Use of Wykhyel - this Carbazones in Analysis

II Conditions of Instability of Zinc, Cad +
Pb Withhydrazones

USPHS Translation

Kulberg, L. M. and Ledneva, A. M.
THE STUDY OF FORMAZYLCARBONIC ACID AS
AN ANALYTICAL REAGENT (Izucheniye Formazil-
karbonovoi Kisloty kak Analiticheskogo Reaktiv) tr.
by Ivan Mitin. 1962 [8]p. 7 refs.
Order from OTS, SLA, or ETC \$1.10 TT-63 19590

Trans. of Zhurnal Analiticheskoi Khimii (USSR)
1947, v. 2, no. 3, p. 131-132 (Abstract available)

DESCRIPTORS: *Silver, Chemical analysis, *Reagents,
*Carbonic acids, Salts, Molecular structure, Synthesis
(Chemistry).

Formazylicarbonic acid as an analytical reagent was
studied. The supposed structure formula of the silver
salt of formazylicarbonic acid was established. The
formazylicarbonic acid is a specific reagent for Ag^+
(a minimum of 0.0023 γ being opened at a dilution limit
1:136 000). (Author)
(Chemistry--Analytical, TT, v. 11, no. 2)

TT-63-19590

1. Title: Formazyl carbonic acid
- I. Kulberg, L. M.
- II. Ledneva, A. M.
- III. Geological Survey,
Denver, Colo.

Office of Technical Services

Zh Analit Khim Vol 2, No 4, pp 210-14, 1947

Use of sodium p-nitrophenolate in analytical chemistry,
N. F. Silin, N. K. Moshchinskaya

AEC/BNL/Tr 135

Polarographic Analysis of Sulfur Compounds, I.
Hydrogen Sulfide and Mercaptans, by M. I. Ger-
ger, 11 pp.

RUSSIAN, per, J Zhur Anal Khim, Vol II, No 5,
1947, pp 265-273.

SLA R-1865

Sci

Jul 58

68,439

Rapid Methods of Microelementary Analysis,
by M. O. Korshun, V. A. Klimova, SIS

RUSSIAN, per, ⁶¹⁸⁷Zett Anal-Khim, Vol II,
No 5, 1947, pp 274-280.

23,855
R.A.E. Farnborough,
Tr No 513

OTS 60-13722

Scientific - Chemistry

May 55 CTS

Amperometric Titration of the Phosphate Ion,
by V. P. Morozova, G. S. Yakhovleva, 11 pp.

RUSSIAN, per, Zhur Anal Khim, Vol I, 1946,
pp 290-294.

Natl Res Council of Canada
TR-827

Sci - Chem
Jan 60

105,824

Zh Analit Khim Vol 11, No 5, pp 299-308, 1947

Quantitative determination of the stoichiometrically
bound water-content in hydrogels and other finely
dispersed systems, using the 'third component' method,
by P. T. Danil'chenko

AEC/BNL/Tr 114

Handwritten:
P. T. Danil'chenko,
1947

ZH Analit Khim

Vol II, No 5, 1947

Polarigraphic Analysis of Sulfur Compounds. I.
Hsdrogen Sulfide and Mercaptans, by M. I. Gerber

JA 65-273

To be done by AMC Telecon dated 25 Jan
1950

F-TS-6991-RE
NAD-47676.

Khlopin, N.Ya., Rafalovich, N.A., and Aksenova, G.P.
DOSAGE POLAROGRAPHIQUE DES PETITES QUANTITES D'ARSENIC (Polarograficheskoe Opredelenie Malikh Kolichestv Mysh'vaka) (Polarographic Determination of Small Quantities of Arsenic). 14p. (foreign text included) 16 refs. CNRS-VII 22. Order from OLS, EIC or CNRS \$1.60 TT-62-28744

Trans. in French of Zhurnal Analiticheskoi Khimii (USSR) 1948, v. 5, no. 1, p. 16-20.

DESCRIPTORS: *Arsenic. *Polarographic analysis.

(Chemistry--Analytical, TT, v. 11, no. 8)

TT-62-28744

I. Khlopin, N.Ya.
II. Rafalovich, N.A.
III. Aksenova, G.P.
IV. CNRS-VII 22
V. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translation Centre

Theory of Organic Reagents. III. A Study of the
Biuret Reaction, by I. M. Korenman, 20 pp.

RUSSIAN, per, Zhur Anal Khim, Vol III, No 1,
1948, pp 52-62.

Sci Tr Center
RT-1423

18,910

Scientific - Chemistry

Journal Anal Khm No 1, 1948
Vol III
Entire periodical summarized
and available as 24-591/49
in FDD Lib Files

True to can be
also found as RT-1423

Zhur Anal Khim No 2, 1948

Vol III

Entire periodical summarized
and available as ~~one~~

✓
CIA FDD-REL-7 11.1991

Titrimetric Semimicro Determination
of Functional Groups in Humic Preparations,
by T. A. Kukharenp.
RUSSIAN, per, Zh. Analit Khim, Vol III, No 3,
1948, pp 181-185.
NASA TT F-10,251

Sci-Chem
Oct 66

312,251

Zhurn Analit Khimii, v III, No 5, 1948,
pp 284-289.

"On the Reaction of the Nickel Ion with
Dimethylglyoxime in the Presence of
Oxidizers."

auth

A. K. Babko

CD: A-2006.1

7657

JAN 13 1991

Received 2/1/91 M. J. L.

Lavrukhina, A. K.

DETERMINATION OF MANGANESE OXIDES OF
VARIOUS VALENCIES WHEN PRESENT TOGETHER,
tr. by V. N. Pavloff. 1962, 13p. 15 refs. NRCC
Technical Trans. 1035.
Order from NRCC \$1.00

NRCC C-4062

Trans. of Zhur[nai] Anal[iticheskoi] Khim[i] (USSR)
1949, v. 4, no. 1, p. 40-45.

DESCRIPTORS: *Ores, *Manganese compounds,
Oxides, Dioxides, Valence, Determination,
Solubility.

(Chemistry--Analytical, TT, v. 8, no. 10)

62-34396

63-16758

I. Lavrukhina, A. K.

II. NRCC TT-1035

III. NRCC C-4062

IV. National Research Council
of Canada

Office of Technical Services

11 752

US-8

Soviet research in analytical chemistry of uranium (Translation
of 10 papers)

Zhur. Analit. Khim. and Doklady Akad. Nauk SSSR, 51 p.
(1949-1958)

\$ 10.00 - English

E u r a t o m

✓
Photocolorimetric Determination of Small
Quantities of SO₂ in the Air, by T. N.
Kozlyayeva, 1 p.

RUSSIAN, no per, Zhur anal Khim, Vol IV, No 2,
1949, pp 75-79.

Sci Tr Center RT-2935

Scientific - Chemistry
Jan 56 CTS/dex

30,2 76

The Determination of Small Amounts of Beryllium in
Solutions and in Aluminum-Magnesium Alloys by
Spectrographic Analysis, by E. V. Gusevskaya,
A. K. Rusanov.

RUSSIAN, bino per, Zhur Anal Khim, Vol IV, 1949, pp
80 - 87.

AEC Tr 1065

Scie - Chemistry

Dec 1951 CTS

Very Sensitive Test Reagent for Magnesium⁶¹ by
A. Kh. H. Pochinok, V. Ya. Pochinok.

RUSSIAN, per, Zhur Analit⁶¹ Khim, Vol IV, No 4,
1949, pp 244-247 .

4

Brutcher Trans No 2933

SLA 6111671

Scientific - Metallurgy, ~~mag~~ magnesium, test

Rapid Methods of Microanalysis, Part III.
Determination of Carbon and Hydrogen in Nitro
Compounds Without the Use of Lead Dioxide, by
M. O. Korshun, V. A. Klimova

RUSSIAN, per, Zhur Anal Khim, Vol IV, 1949,
pp 292-297.

Assoc Tech Sv, RJ-166

Scientific - Chemistry
Aug CTS/DEX

Price \$11.20

17793

Jhur. Anal. Rhim, Vol IX, Nos pp 319-320

8070

1707

Conference on the Analysis of Organic
Compounds

SR-270-49

Spectrophotometry As a Method of Analyzing Multi-
Compound Mixtures, by N. P. Komar, 12 pp.

RUSSIAN, bimo per, Zhur Anal Khim, Vol III, 1950.

ID GSUSA F-7449

Sci - Chem

Jan 1952 CTS

BS

Identification of Phenols, by S. S. Karetkin, ~~et al.~~,
N. N. Mel'nikov, Yu. A. Bashkakov and K. S. Bokarev,
9 pp.

RUSSIAN, per, Zhur Anal Khim, Vol 5, ^{No}(1), 1950,
pp 7-13.

~~SECRET~~

Sci. Museum Lib No 51/3155- London

12,041

Quantitative Determination of Boron and Fluorine as
They Occur Together, by Ryabchikov, B. B., and
Danilova, V. V.

1

RUSSIAN, per, Zhurnal Analiticheskoy Khimii, 1950,
Vol 5, No 1, pp 28-31.

Sci Museum Lib No 50/2715

Identification of Primary Nitroamines, by S. I.
Dymistov.

RUSSIAN, per, Zhur Analit Khim, USSR, Vol V, No 2,
1950, pp 119-122.

Assocd Services
New Jersey

RJ-44

16,806

Scientific - Chemistry

\$5.00 (\$1.00)

K. B. Yatsimirskii

Kinetic Methods of Quantitative Analysis. Communication No. 3. Determination of Small Amounts of Molybdenum.

RUSSIAN, per, Zhurnal Analiticheskoi Khimii, Vol 11, 1956, pp 319-322

CSIRO-Trans-10756

NTC 72-13430-07E

Oct 72

Kaplan, O. L. and Neyman, M. B.
 PROGRESS IN POLAROGRAPHY OF ORGANIC COM-
 POUNDS. THE ILKOVIC AND THE LEVICH EQUA-
 TIONS, tr. by G. S. Smith. 28 June 50, 2p. TL 1131:
 M2145.
 Order from LC or SLA mtl.80, ph\$1.80 61-13640

Partial trans. of [Zhurnal Analiticheskoy Khimii].
 (USSR) 1950, v. 5, p. 178-192.

142, 712

Ref # 5234
 (Supp. to # 5470)

(Chemistry--Analytical, TT, v. 5, no. 2)

61-13640

1. Polarographic analysis--
Theory
2. Organic compounds--
Polarographic analysis
- I. Kaplan, O. L.
- II. Neyman, M. B.
- III. Title: Ilkovic....
- IV. Trans-TL-1131
- V. DSR LLU M.2145

Office of Technical Services

Fedoseev, P. N. and Pavlenko, M. M.
THE DETERMINATION OF CARBON AND HYDRO-
GEN IN THE PRESENCE OF CATALYSTS, PT. I
[Opredelenie Ugleroda i Vodoroda v Prisutstvii
Katalizatorov, II. 26 June 62 [8]p. 5 refs.
Order from OTS or SLA \$1.10

62-18978

Trans. of Zhurnal Analiticheskoi Khimii (USSR)
1950, v. 5 [no. 5] p. 296-299.
Another trans. is available from ATS as RJ-41.

DESCRIPTORS: *Carbon, *Hydrogen, Determination,
Organic compounds, Catalysts, Quantitative analysis

(Chemistry--Analytical, TT, v. 9, no. 9)

62-18978

I. Fedoseev, P. N.
II. Pavlenko, M. M.

Office of Technical Services

Spot Reactions for Copper, Mercury and Lead Salts,
by N. I. Pyshkin, O. M. Lukin.

RUSSIAN, per, Zhur Anal Khim, Vol V, 1950,
pp 319-320.

*AEC

Sci - Chem
Aug 62

GOLUBTSOVA, R. B.

Determination of Columbium in Tungsten-Free High Alloys.

RUSSIAN, Zhur Anal Khim, Vol VI, No 1, 1951, pp 34 - 38.

Brutcher Tr 2827

\$3.80

Solubility of Some Cupferronates, by I. V. Pyatnitskiy,
RUSSIAN, per, Zhur Anal Khim, Vol I, No 1, 1946,
pp 57-63.

*AEC

Sci - Chem

May 60

Volumetric Method of Defining Nickels. UNCLASSIFIED
by V. S. Sirokomskyj, S. M. Gubelbank, 6 pp.
RUSSIAN, per, ^{2488 ANALYT}Journal of Analytical Chemistry,
Vol VI, No 4, 1951, pp 207-210.

ATIC F-TS-8055

Scientific - Chemistry

CIA 1602880

RT-3828
~~3828~~

3488

High Speed Methods of Microelementary Analysis, by
(UNCLASSIFIED) V. A. Klymov, M. O. Korshun, 6 pp.

ZHUR ANALIT KHIM
RUSSIAN, Journal of Analytical Chemistry, Vol VI,
No 4, 1951, pp 230-233.

ATIC F-TS-8055
RAE TRANS 516

Scientific - Chemistry

CIA 1602880

13- RS-65

3489

Polarographic Determination of Acrolein in Glycerine,
by A. S. Kirillova, I. A. Korshunov.

RUSSIAN, bino per, Zhur Anal Khim, Vol VI, 1951,
USSR, pp 257, 258.

Assoc Tech Sv RJ-69

Sci - Chemistry

\$2.85 (\$0.75)

Aug 54

17,136

On a New Sensitive Test Reagent for Magnesium
Communication IX, by Kh. N. Pochinok and V. Ya.
Pochinok, UNCLASSIFIED

RUSSIAN, per, Zhur Analit Khim, Vol VI, 1951,
No 5, pp 288-295.

Butcher Order No 2930
Price \$8.80

Scientific - Metallurgy

468

Qualitative Reaction for Lignin, by S. N. Beketovskii.

RUSSIAN, per, Zhur Anal Khim, Vol VI, No 5, 1951,
p 328.

Sci Museum Lib No 52/2584

USSR

Scientific - Chemistry, biology, lignin

Amperometric Titration of Organic Developing
Agents by Means of a Revolving Platinum
Microelectrode, by S. G. Bogdanov, N. S.
Sulzhobokova, 5 pp.

RUSSIAN, per, Zhur Analit Khim, Vol VI, No 6,
1951, pp 334-347.

CIA/FDD/X-1362

Scientific - Chemistry
STS/DEK

12,667

New Method for the Qualitative Detection and
Quantitative Determination of Traces of
Hydrazine, by L. H. Kulberg, A. I. Charkesov.
UNCL

RUSSIAN, per, Zhur Anal Khim, Vol VI, No 6,
1951, pp 364-370.

DSIR LLU W.504 (loan)

SLA 59-22553

Sci - Chem
Dec 59

102,462

ZHURNAL ANALITICHESKOI KHIMII
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of the USSR - 24 issues/year)
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