

Measurement of the Average Energy Losses
of Electrons in Scattering of the Electron
Beam in Plasma, by L. L. Pasichnyk.

UKRAINIAN, per, Ukrayins'kyi Fizychnyy
Zhurnal, Vol 9, No 9, 1964, pp 1027-1030.

*FTD-TT-65-1920

Sci/Electronics
Dec 65

Characteristics of the Stimulated
Raman Scattering in Benzene, by
V. L. Broude, L. P. Vil'chynska.
UKRAINIAN, per, Ukrayins'kyi Fiz
Zhur, Vol IX, No 9, 1964, pp 1031-1032.
*FTD-HT-66-174

Sci-Phys
Apr 66

Accelerating System With Drift Tubes
At Supersonic Frequencies, by
V. B. Krasovitskiy, V. I. Kuriko, 6 pp.
UKRAINIAN, per, Ukrayins'kyi Fizychnyy
Zhurnal, Vol IX, No 10, 1964,
pp 1134-1136. 9698100
FTD-TT-65-652

Sci-Elect

Sep 65

289,940

The Rapid Acting Microwave Interferometer
With Direct Phase Reading, by
V. G. Grigorenko, L. A. Dushin, 10 pp.
UKRAINIAN, per, Ukrayins'kyy Fiz Zhur,
Vol IX, No 11, 1964, pp 1185-1191.
P100125866
FTD-HT-66-272

Sci - Navigation, Communications,
Detection & Countermeasures
Feb 67

318,790

Effect of Receiving Surface Dimensions
on the Basic Characteristics of Metallic
Vacuum Bolometers, by L. M. Artyukhova,
L. S. Kremenchugs'kiy, 11 pp.
UKRAINIAN, per, Ukrayins'kyi Fiz Zhur.
Vol IX, No 11, 1964, pp 1240-1247.
9699612
FTD-TT-65-922

Sci - M/M
Feb 66

296,345

Effect of Pulse Front Stability on
the Direct Transitional Process in
a Semiconductor Diode, by
Klimenko, Tkhonik.
UKRAINIAN, per, Ukrainskiy Fizichnyi
Zhurnal, Vol IX, No 11, pp 1271-1273.
ACSI T-9369
ID 220415866

Sci-Elect
Mar 66

297,425

On the Width of Combined Resonance
Bands, by I. I. Boyko, 8 pp.
UKRAINIAN, per, Ukrayns'kiy Fiz Zhur.
Vol IX, No 12, 1964, pp 1286-1290.
9699070
FTD-TT-65-925

Sci - Math & Data Proc
Feb 66

296,363

On Long-range Order in the Nickel-chromium System,
by A. V. Progrushchenko,
UKRAINIAN, per, Ukr Fiz Zh, Vol 9, 1964, pp 1351-
1355.

*CFSTI TT 70-59083

Sci-phys
June 70

Catalytic Action of Amino Acids and Amines in
Carbonyl Compound Reactions: Part VII. Con-
densation of the Enamine Base of N-Propenylpiperi-
dine with Propionic Aldehyde and Acetone, by A.
A. Yashikov.

RUSSIAN, per. Ukrainskii Khimicheskii Zhurnal,
pp 210-212.

*Dept of Navy ONI

Sci-Chem
Oct 67

Production of Nitric Acid by the Catalytic ^XOxidation
of Ammonia, by V. I. Malyarevskiy, 40 pp.

RUSSIAN, per, Ukrain Khim Zhur. Vol I, 1925, pp
97-140.

SIA R-2866

Sci

Jul 59

92,612

Catalytic Oxidation of Ammonia, by V. I. Malyarevskiy,
27 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol I, 1925, pp
141-163.

SLA R-3354

Sci

Aug 59

93,544

The Mechanism of Catalysis of Hydrogen Peroxide, by L. Pisarzhevskii, V. Roiter.

Full translation.

RUSSIAN, per, Ukrainskii Khimicheskii Zhurnal, Vol II,
USSR, 1926, pp 75-87.

AEC Tr 1358

S:1 - Chem

Aug 52 CTS

DEX

Reaction of α -Chloro and α -Fluorochlorohydrins
With Hydrazine, by A. K. Plisova, 8 pp.

RUSSIAN, per, Ukrainskiy Khim Zhur. Vol III,
1928, pp 125-131.

2663
CIA/PDB X-684

NLL M-2907

56, 367

Sci - Chem
Doc 57

Gabel, Yu. O. and Kipryanov, G. I.
THE DRY DISTILLATION OF TOBACCO. [1964] 29p
Order from K-H \$17.40 K-H-545
Trans. of Ukrainskii Khimicheskii Zhurnal (USSR) 1929,
v. 4, p. 45-63.

(Chemistry, TT, v. 12, no. 1)

TT-64-12844

- I. Gabel, Yu. O.
- II. Kipryanov, G. I.
- III. K-H-545
- IV. Kresg-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Miloslavskii, N. M. and Palant, A. I.
DETERMINATION OF MOISTURE IN TOBACCO WITH
AID OF PLUNGING HYGROMETER. [1962] 11p.
Order from K-H \$13.75 K-H 4036-b

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR) 1929,
v. 4, no. 1, p. 117-125.

DESCRIPTORS: Determination, *Moisture, *Tobacco,
*Hygrometers.

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

62-71574

- I. Miloslavskii, N. M.
- II. Palant, A. I.
- III. K-H-4036-b
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Gabel, Yu. O. and Shmuklovska, L. G.
CONTENT OF METHYL ALCOHOL IN TOBACCO
[II.]. [1964] 11p
Order from K-H \$6.60 K-H-908
or \$7.20 K-H-444

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR) 1929,
v. 4, p. 241-249.

(Biological Sciences--Biochemistry, TT, v. 12, no. 1)

TT-64-12845

I. Gabel, Yu. O.
II. Shmuklovska, L. G.
III. K-H-908
IV. K-H-444
V. Kresge-Hooker Science:
Library Associates,
Detroit, Mich.

Office of Technical Services

The Formation of Substances of the Dibenzyl
Series From Nitrotoluols and Their Derivatives
Under the Influence of Alcoholic Alkalis, by
A. K. Plisov.

UKRAINIEN, per, Ukrain Khim Zhur, Vol IV, 1929,
pp 241-279.

DSIR LLU M.1644
(loan)

Sci - Chem

Oct 60

130,775

Gabel, Yu. O. and Kipryanov, G. I.
REACTION OF TOBACCO SMOKE AS AN INDEX TO
THE QUALITY OF TOBACCO. [1964] 28p
Order from K-H \$16.80 K-H-416

Trans. of Ukrainskii Khimicheski Zhurnal (USSR) 1930,
v. 5, p. 167-184.

(Chemistry, TT, v. 12, no. 1)

TT-64-12843

I. Gabel, Yu. O.
II. Kipryanov, G. I.
III. K-H-416
IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Gabel, Yu. O. and Shmukovskaya, L. G.
PENOSAN CONTENT OF TOBACCO. [1962] 10p.
Order from K-H \$12.50 K-H 5072-a

Trans. of Ukrainskii Khim[icheskii] Zhur[nal] (USSR)
1930, v. 5, p. 185-192.

DESCRIPTORS: *Tobacco, Chemical analysis.

(Chemistry--Analytical, TT, v. 9, no. 1)

62-22392

- I. Title: Penosan
- I. Gabel, Yu. O.
- II. Shmukovskaya, L. G.
- III. K-H-5072-a
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Thermal Effect Produced in the Absorption of
Different Nitric Oxides by Sulfuric Acid, by
Kartashev, Tzeitlin, 7 pp.

RUSSIAN, per, Ukrain Khim, Zhur, Vol V, Sci Pt
pp257-266, 139p.

SLA R-3048

Sci

Jul 59

92, 340

The Desulphurisation of Coke, by Ia. S. Gurariy,
30 pp.

RUSSIAN, per, Ukrain Khim Zhur, Nauk-Tekh Chast,
Vol VI, No 2, 1931, pp 49-83.

Sci Mus Lib 56/241

Sci - Chemistry

42, 842

Absorption of Oxides of Nitrogen by Sulfuric
Acid (Formation of Nitroso Compounds) and
Some Factors of Denitration, by E. V. Gerturt-
Geibovich, E. S. Kabanov, S. A. Krivochev, ^a
12 pp.
RUSSIAN, per, Ukrain Khim Zhur, No 6, 1931, pp
121-134.

SLA R-2547

Sci - Chem

Jun 59

89,401

Preparation of Ammonium Sulfate and
Portland Cement from Gypsum, by D. S.
Dorofeyev and Z. D. Troitskaya, 10 pp.

RUSSIAN, per, Ukrain ^{him} Kem Zhur, Vol VI,
1931, pp 123-133.

SLA R-2196

Sci

Aug 58

72,416

Delimarskii, Yu. K.
THE THERMAL ANALYSIS OF ARTIFICIAL ALU-
MINO SILICATES. [1962] [15]p. (figs. omitted)
21 refs.

Order from OTS or SLA \$1.60

63-10362

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR)
1931, v. 6, p. 175-183.

DESCRIPTORS: *Minerals, *Aluminum compounds,
Silicates, Oxides, Synthesis, Chemical precipitation,
*Thermochemistry, Chemical precipitation.

(Chemistry--Physical, TT, v. 10, no. 2)

63-10362

I. Delimarskii, Yu. K.

Office of Technical Services

Gulinov, V. G.
THE PREPARATION OF 1-NAPHTHYLAMINE-2, 4-
DISULFONIC ACID. [1961] 4p.
Order from ATS \$7.00

ATS-33NSOU

Trans. of Ukrain[skiy] Khim[icheskiy] Zhur[nal]
(USSR) 1932 [v. 7] p. 64-68.

DESCRIPTORS: Preparation, *Amines, *Naphthyl
radicals, Sulfonic acids.

(Unannounced)

61-22348

- I. Gulinov, V. G.
- II. ATS-33NSOU
- III. Associated Technical Services, Inc., East Orange, N. J.

161842

Office of Technical Services

Use of Benzene Polychlorides in the
Synthesis of Dyes. IV. p-Aminophenol
from p-Chlorophenol, by A. I. Kipriyanov,
G. I. Kipriyanov, M. M. Dashavskii,

9p.

RUSSIAN, per, Ukrainskii Khimicheskii
Zhurnal, Vol 7, 1932, pp 83-93.

SLA TT-64-20838

333, 823

Sci
Aug 67

Preparation of Ammonium by Treatment of
Gypsum with Ammonium Carbonate, by I. S.
Telétov, 24 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol VII,
1932, pp 141-168.

SLA R-2197

Sci

72,448

Aug 58

Elagina, N. V. and Elidus, Ya. T.
THE REACTION BETWEEN CARBON MONOXIDE AND
ORGANO-MAGNESIUM COMPOUNDS. [1964] 27p
26refs

Order from OTS, SLA, or ETC \$2.60 TT-64-16120

Trans. of Uspekhi Khimii (USSR) 1944, v. 13, no. 5,
p. 375-388.

A condensed trans. is available from OTS or SLA \$1.10
as TT-69-10824, 3p.

(Chemistry--Physical, TT, v. 12, no. 4)

TT-64-16120

I. Elagina, N. V.
II. Elidus, Ya. T.

Office of Technical Services

Deltmarakii, Yu. K. and Khalmovich, R. S.
THE DETERMINATION OF ELECTRODE POTENTIALS
OF METALS IN MOLTEN BROMIDES WITH THE AID
OF GLASS-SODIUM ELECTRODES. [1962] 18p 11 refs
Order from OTS, SLA, or ETC \$1.60 TT-64-14899

Trans. of Ukrain[skii] Khim[icheskii] Zhur[nal] (USSR)
1949, v. 15, p. 340-350.
Another trans. is available from K-H \$22.50 as
K-H-3485-c [1962] 18p.

(Chemistry--Physical, TT, v. 11, no. 11)

TT-64-14899

I. Deltmarakii, Yu. K.
II. Khalmovich, R. S.

Office of Technical Services

Zosimovich, D. P. and Tsimmergaki, V. A.
DECOMPOSITION POTENTIALS OF METAL OXIDES
IN MOLTEN SODIUM HYDROXIDE. [1963] 15p
Order from K-H \$15.00 K-H 3485 b

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR)
1949, v. 15, p. [341]-351.

DESCRIPTORS: *Metals, *Oxides, Decomposition,
*Sodium compounds, Hydroxides.

(Chemistry--Inorganic, TT, v. 11, no. 4)

TT-63-22793

- I. Zosimovich, D. P.
- II. Tsimmergaki, V. A.
- III. K-H-3485 b
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Zosimovich, D. P. and Tsimmergaki, V. A.
DECOMPOSITION POTENTIALS OF METAL OXIDES
IN MOLTEN SODIUM HYDROXIDE. [1963] 15p
(figs omitted) 12 refs
Order from OTS, SLA, or ETC \$1.60 TT-64-14909

Trans. of Ukrain[skii] Khim[icheski] Zhur[nal] (USSR)
1949, v. 15, p. 351-361.
Another trans. is available from K-H \$15.00 as
K-H-3485-b [1963] 15p.

(Chemistry--Physical, TT, v. 12, no. 1)

TT-64-14909

I. Zosimovich, D. P.
II. Tsimmergaki, V. A.

Office of Technical Services

Kul'skii, L.A., Koganovskii, A.M. and
Shevchenko, M.A.
INFLUENCE DES ANIONS CONTENUS DANS LES
EAUX NATURELLES SUR LA VITESSE DE COAGULA-
TION DES SOLS D'ALUMINE (Vliyanie Anionov, Soder-
zhashchikhsya v Prirodnnykh Vodakh, na Skorost' Koagu-
lyatsii Zolya Gidrookisi Alyuminiya) (The Influence of
Anions Contained in Natural Waters on the Speed of
Coagulation of Aluminium Hydroxide Sol). 24p. (Fo-
reign text included) refs. CNRS-VIII bis 562.
Order from OTS, ETC or CNRS \$0.90 TT-62-28301

Trans. in French of *Ukrainskii Khimicheskii Zhurnal*
(USSR), 1950, v.16, no.1, p.64-73.

DESCRIPTORS: Anodes, Ions, *Aluminum compounds,
*Hydroxides, Colloids, *Coagulation.

(Chemistry--Physical, TT, v. 11, no. 7)

TT-62-28301

I. Kul'skii, L.A.
II. Koganovskii, A.M.
III. Shevchenko, M.A.
IV. CNRS-VIII bis 562
V. Centre National de la Recher-
che Scientifique, Paris

Office of Technical Services
European Translations Centre

Kudra, O. K. and Turov, P. P.
THE EVOLUTION OF SPONGY CATHODIC DEPOSITS
OF COBALT FROM ACETONE SOLUTIONS, COM-
MUNICATION I (O Vydeleni Rykhlykh Katodnykh
Oсадkov Kobal'ta iz Atsetonovykh Rastvorov. Soobsh-
chenie I)
Leonard Shapiro, tr. [1964] [15p] 12refs
Order from OTS, SLA or ETC \$1.60 TT-64-15360
Trans. of Ukrainskii Khimicheskii Zhurnal (USSR) 1950,
v. 16, no. 2, p. 230-241.

(Chemistry--Physical, TT, v. 12, no. 2)

TT-64-15360

I. Kudra, O. K.
II. Turov, P. P.

Office of Technical Services

Delimarskii, Yu. K., Berenblyum, L. S., and
Sheiko, I. N.
DECOMPOSITION POTENTIALS OF METAL
CHLORIDES IN THE FUSED SYSTEM $AlCl_3$ -NaCl.
[1962] 13p.
Order from K-H \$16.25 K-H 3763 e

Trans. of Ukrain[sld] Khim[icheakii] Zhur[ast] (USSR)
1950, v. 16, p. 254-263.

DESCRIPTORS: Metals, *Aluminum compounds,
*Sodium compounds, *Chlorides, Fuzed materials,
Decomposition.

DIS-TT-64-16156

(Chemistry--Physical, TT, v. 9, no. 11)

63-12916

- I. Delimarskii, Yu. K.
- II. Berenblyum, L. S.
- III. Sheiko, I. N.
- IV. K-H-3763-e
- V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Study of Decantation and Filtration Followed by
Washing of the Precipitate in Production of Ammonium
Sulfate from Gypsum, by P. & Z. Koval, I. Z.
Yasnogorodskiy, Z. L. Aleksandrovich, 8 IP.

RUSSIAN, Izv. Ukrain Khim Zhur, Vol VII, 1932, pp
169-177.

SLA R-3016

Sci

Jul 59

92,606

Catalytic Production of Chlorine From Hydrochloric
Acid, by M. O. Kharmandaryan, G. Priklod'ko,
5 pp.

RUSSIAN, per, Ukrainskiy Khim Zhur, Vol VIII,
1933, pp 68-71.

Sci Trans Center
RT-2329

26,687

Scientific - Chemistry

Sep 55 CTS/DEX

Catalytic Decomposition of Sodium Amalgam,
by A. S. Fokin, M. A. Rabinovich, 26pp.
RUSSIAN, per, Ukrainskii Khimicheskii
Zhurnal, Vol 8, No 3/4, 1933, pp 355-365.
CFSTI TT-64-18925.

322,605

Sci - Electronics &
Electrical Engineering
Mar 67

Kinetics of Absorption of Nitrogen Oxides
by Sulfuric Acid of 60°Be , by A. N.
Tzeitlin, 19 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol X,
1935, pp 242-310.

SLA R-2209

Sci

Aug 58

72,142

Determination of Silicates by Means of 8-Hydroxy-quinoline, by M. I. Volinets, 5 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol ^X XI, 1936, pp 18-22.

SLA R-3302

Sci

Aug 59

93, 530

Heats of Formation and of Dilution of Saturated
Aqueous Solutions, by A. S. Fedorov, G. F.
Silchenko, 11 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XII, 1937,
pp 53-60.

SLA/R-2484

Sci
Apr 59

84,857

Reaction in Solid State Between Silica and Lime,
and Between Burned or Unburned Kaolin and Lime,
by P. P. Sudzikov, D. P. Bobrovnik, 5 pp.

RUSSIAN, per, Ukrain^u Khim Zhur, Vol XII, pp
190-196.

SLA R-2993

Sci

Jul 59

91, 407

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T306

TESTING OF TECHNICAL METHOD FOR THE
SIMULTANEOUS PRODUCTION OF SULFURIC AND
NITRIC ACIDS

TSEYTLIN, A M; SMIRNOVA, O M

UR: UKRAINSKIY KHMICHESKIY ZHURNAL, 1963,

NO. 23, pp. 987-~~988~~ 990

Need doc - have very poor copy
Press in as
HT 73 - 23 - 0302

Physicochemical Principles of Theurea Synthesis, by
A. I. Krasilshchikov, 12 pp.

RUSSIAN, per, Usepkhi Khim, Vol VII, 1938, pp 1042-
1051.

SLA/R-2584

Sci
Apr 59

84,877

Electrochemical Series of Metals in
Fused Salts, by Yu. E. Dalimovskii, 34p.
RUSSIAN, per, Uchenykh Khimicheskii
Zhurnal, Vol 16, 1950, pp 414-437.
SLA 77-64-20334

AEC Tr. No 1969

RT 2055

336, 175

Sci

Aug 67

The Reversible Glass - Tin - Sodium Reference
Electrode in Fused Salts, by Yu. K. Delimarskiy,
A. A. Kolotti, 14 pp.

RUSSIAN, per, Ukrain Khim, Zhur, Vol XVI, 1950,
pp 438-446.

4

AEC Tr 2475 35,747

Sci - Minerals/Metals, Chemistry

Jun 1956

The Use of Radiant Energy for the Drying of Highly Hydrated Food Biocolloids, by N. A. Ivannikova.

UKRAINIAN, per, Ukrainskyy Khim Zhur, Vol XVI, No 5, 1950, pp 569-587.

*OTS-60-21102
(PL 480)

Sci - Chem
Mar 60

[Aleksandrov, G. P. and Levchenko, T. F.]
DETERMINATION OF IODINE AND BROMINE IN
OIL-WELL WATER BY THE METHOD OF DIFFER-
ENTIAL TITRATION [Opredeleenie Ioda i Broma v
Vuzovyykh Metodam Differentsirovannogo Titrovaniya].
[1963] 17p. 16 refs.
Order from OTS or SLA \$1.60 63-14097

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR)
1950 [v. 16, no. 6] p. 599-611.

DESCRIPTORS: *Iodine, *Bromine, Volumetric
analysis, Petroleum, Water, Mixtures, Solutions.

There was verified an iodimetric method for the
determination of the bromine in standard solutions as
well as in petroleum waters, in doing which it has
been found, among other things, that the presence of
sodium chloride has no influence on the precision of
(Chemistry--Analytical, TT, v. 10, no. 7) (over)

63-14097

I. Aleksandrov, G. P.
II. Levchenko, T. F.

Office of Technical Services

Dashevskaya, B. I. and Levitskaya, I. B.
TRANSFORMATIONS IN THE TEREPHTHALIC ACID
SERIES. [1962] 4p. 7 refs.
Order from OTS or SLA \$1.10

62-16232

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR)
1950, v. 16, p. 616-619.

DESCRIPTORS: Transformations, *Phthalic acids,
Benzenes, Acetates, Acetic acids, Amides.

Two alternate syntheses of the diacetate of
1,4-diglycolybenzene are realized. (Author)

(Chemistry--Organic, TT, v. 8, no. 6)

62-16232

I. Dashevskaya, B. I.
II. Levitskaya, I. B.

Office of Technical Services

Z

On the Electrolytic Separation of Lithium From
Non-Aqueous Solutions, by S. I. Yakubson, M. A.
Abramova, 14 pp.

RUSSIAN, per, Ukrainskiy Khim Zhur, Vol XVII,
No 6, 1951, pp ~~902-910~~.

21, 467

Sci Trans Center
RT-2134

Scientific - Chemistry

Feb 55 CTS/DEX

Colour of Organic Compounds and the So-Called
Theory of Resonance, by A. I. Kipryanov.

UKRAINIAN, per, Ukrain Khim Zhur, Vol XVIII,
1952, pp 339-346.

DSIR LLU M.1961
(loan)

Sci - Chem

Oct 60

130,774

Study of the Thermal Decomposition of Formates of
the Series From Manganese to Copper, by
V. P. Kornienko,

RUSSIAN, per, Ukrainskiy Khim Zhur, Vol XVIII,
No 6, 1952, pp 579-588.

22,145

Butcher Tr No 3397
\$8.50

Scientific - Min/Metals

Apr
May 55 CTS

Kornienko, V. P.
THERMAL DECOMPOSITION OF FORMATES OF THE
MANGANESE-COPPER RANGE. 16p. 15 refs.
MTWL: 929.

Order from OTS or ETC \$1.85

61-17579

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR)
1952, v. 18, no. 6, p. 579-588.

DESCRIPTORS: *Formates, Manganese compounds,
Copper compounds, *Pyrolysis, Iron compounds,
Nickel compounds, Cobalt compounds.

61-17579

I. Kornienko, V. P.
II. MTWL-929
III. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Kolotii, A. A.
ELECTROLYTIC ISOLATION OF METALLIC LITHIUM
ON LIQUID LEAD CATHODE [Elektroliticheskoe Vy-
delenie Metallicheskogo Litiya na Zhidkom Svintsovom
Katode]. [1963] 9p (figs omitted) 9refs
Order from OTS, SLA, or ETC \$1.10 TT-64-14145

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR) 1952,
v. 18, no. 6, p. 667-671.
Another trans. is available from SLA as RT-2192, 11p

(Chemistry--Physical, TT, v. 11, no. 12)

TT-64-14145

I. Kolotii, A. A.
II. RT-2192

Office of Technical Services

Electrolytic Isolation of Metallic Lithium
on Liquid Lead Cathode, by A. A. Kolotiy, 11 pp.

RUSSIAN, per, Ukrainskiy Khim Zhur, Vol XVIII,
No 6, 1952, pp 667-671. *CIA 90 33077-C Rel 541*

Sci Tr Center
RT-2192

Scientific - Chemistry
CTS 70/Jul 55

25,229

Reaction of Chlorine and Ammonia Under
Conditions of Purification of Drinking Water
by Chlorination, by L. A. Keelskiy, O. K.
Lebedintseva, 1 p.

RUSSIAN, per, Ukrain Khim Zhur, Vol XVIII,
1952, pp 673-682.

S. A. A. Tr R-701 AEC Tr 2378

Sci - Chemistry

32,469

Purification of Waste Water With Aluminum Sulfate ~~for~~
for the Removal of Emulsified Petroleum Products, by
V. G. Perevalov

RUSSIAN, per, Ukrain Khim Zhur, Vol XIX, 1953,
pp 223-229.

Assoc Tech Sv, RJ-136

Scientific - Chemistry Price \$10.40
Aug CTS/DEX

17,228

Determination of the Beginning of Precipitation
of Hydroxides of Metals by the Polarographic Method
and Determination of the Solubility Products of
Hydroxides of Titanium and Aluminum, by P. N.
Kovalenko, V. N. Nestorovich, 13 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XVIII, 1952,
pp 635-640.

NOT RELEASABLE TO FOREIGN NATIONALS

CIA/FDD XX-331

Sci - Chem

Sep 57

IAC INTERNAL USE ONLY

53,339

The Instability Constants of Thiourea Complexes of
Copper, Silver and Mercury, by A. T. Pilipenko,
G. S. Lisetskaya, 6 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XIX, No 1, 1953,
pp 81-85.

CIA/FDD XX-1290

NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Nov 62

USIB INTERNAL USE ONLY

216, 242

Markov, B. F. and Dellmarakii, Yu. K.
ELECTROLYTIC DISSOCIATION OF FUSED SALTS.
[1963] 16p.

Order from K-H \$16.00

K-H 3737 f

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR) 1953,
v. 19, p. 255-265.

DESCRIPTORS: *Electrolysis, *Dissociation, *Fused
materials, Salts, Electrochemistry.

(Chemistry--Physical, TT, v. 10, no. 1)

63-17294

- I. Markov, B. F.
- II. Dellmarakii, Yu. K.
- III. K-H-3737-f
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

TT-64-16132

Office of Technical Services

Electrolytic Dissociation in Fused Salts, by
B. F. ~~Markov~~ Markov, Yu. K. Delimarskiy. UNCL

UKRAINIAN, per, Ukrain Khim Zhur, Vol XIX,
No 3, 1953, pp 255-263.

RAE 256

Sci - Chem

Dec 59

102,436

Decomposition Potentials of the Systems
 $\text{NaF} - \text{ZrF}_4$ and $\text{NaF} - \text{ZrF}_4 - \text{ZrO}_2$, by Yu. K.
Delimarskiy, A. A. Kolotiy, V. A. Lapa, 9 pp.

UKRAINIAN, per, Ukrain Khim Zhur, Vol XIX, 1953,
pp 372-376.

AEC Tr 2250

Scientific - Chemistry
CTS 73/Oct 1955

27,866

Measurement of Anodic Solution Potentials of
Sulphides, by N. Fortunatov, V. Mikhaïlovskaya.
UKRANIUM, per, Ukr Khim Zh, Vol 16, No 6, 1950,
pp 667-680.
CSIRO/No 9534

Sci/Chem
July 69

386-866

Melting Diagram of the System $\text{HgO}-\text{CaF}_2$, by
P. P. Rudnikov, B. G. Trosnyatskiy, 10 pp.

UKRAINIAN, per, Ukrain Khim Zhur, Vol XIX, 1959,
pp 358-355.

ASC Tr 3576

Sci - Chem

May 59

86,147

The Crystallization of 2,6-Dimethyl-naphthalene
in Binary Systems with Homologs of Benzene,
Naphthalene, and Biphenyl, by V. M. Kravchenko,
I. S. Pastukhova, 9 pp.

UKRAINIAN, per, Ukrain'skiy Khim Zhur, Vol XIX,
No 6, 1953, pp 610-617.

ATS-61M38R

ATS/RJ-2595

Sci

Aug 61

OTS, Vol III, No 12

163,148

The Influence of Atmospheric Oxygen on the Viscosity
of Cuprammonium Solutions of Cotton Cellulose, by
A. A. Morozov, Z. L. Zosim, 18 pp.

RUSSIAN, per, Ukrainskiy Khim Zhur, Vol XIX, No 6,
1953, pp 687-696.

Sci Mus Lib Tr 57/3674

Sci - Chemistry

~~Mar~~ 58

Apr

60,774

SLA R-2059

Dichlorofumaric Acid and Some of its Derivatives, by
E. A. Shilov et al.

UKRAINIAN

~~RUSSIAN~~, no per, Ukrain Khim Zhur, Vol XX, 1954,
pp 35-38.

Assoc Tech Sv
RJ-351

Sci - Chemistry

Aug 1956

\$5.80

37,004

63-16158

Fyalkov, Ya. A. and Davidenko, N. K.
PHYSICOCHEMICAL ANALYSIS OF BINARY SALT
SYSTEMS IN AQUEOUS SOLUTIONS. I. ELECTRO-
CONDUCTIVITY OF SYSTEMS CONSISTING OF THE
SULFATES OF POTASSIUM, SODIUM AND MAGNE-
SIUM. [1963] 14p. (figs. omitted) 32 refs.
Order from OTS or SLA \$1.60 63-16158

Trans. of Ukrain[skij] Khim[icheski] Zhur[nal] (USSR)
1954, v. 20, p. 343-349.

DESCRIPTORS: Salts, *Potassium compounds, *Sodium
compounds, *Magnesium compounds, *Sulfates,
Solutions, Electrical conductance, *Electrochemistry,
Chemical analysis.

Surveyed were the literature data and the theoretical
bases of the problem of the application of the measure-
ments of the electroconductivity as a method of physico-
(Chemistry--Analytical, TT, v. 10, no. 6) (over)

I. Fyalkov, Ya. A.
II. Davidenko, N. K.
III. Title: Electroconductiv-
ity...

Office of Technical Services

Studies in the Chemistry of Cyanine Dyes. 7.
3, 3'-di-p-tolyl-6,6'-Dimethylthiacyanines,
by I. K. Ushenko, 13 pp.

RUSSIAN, per, Ukrainskiy Khimicheskii Zhurnal,
Vol XX, 1954, pp 384-391.

Sci Mus Lib - 56/0072

Sci - Chemistry

33,797

May 1956

Savinov, B. G. and Protesenko, L. D.
CHROMATOGRAPHIC INVESTIGATION OF CARO-
TIN PIGMENTS OF SQUASH, MOUNTAIN ASH, AND
SEA BUCKTHORN. [1962] 18p.
Order from K-H \$22.50

K-H 5027-b

Trans. of Ukrainskii Khim[icheski] Zhurnal (USSR)
1954, v. 20, no. 4, p. 399-407.

DESCRIPTORS: *Chromatographic, Pigments, Analy-
sis, *Carotene, *Plants, Ash, Carotenoids.

(Biological Sciences--Biochemistry, TT, v. 8, no. 9)

62-22703

1. Title: Squash
2. Title: Sea buckthorn
- I. Savinov, B. G.
- II. Protesenko, L. D.
- III. K-H-5027-b
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

The Use of Ion-Exchange in Hydrochemical
Analysis, by M. V. Tovbin, F. G. Dyatlovitskaya
UNCL

RUSSIAN, per, Ukrain Khim Zhur, Vol XX, No 4,
1954, pp 434-437.

NCB A.1459/BEH

Sci - Chem
Jan 60

105,785

Behavior of the Glass Tin - Sodium Electrode in
Various Molten Salts, by A. A. Kolctiy.

~~RUSSIAN~~ *UKRAINIAN*, bimo per, Ukrain Khim Zhur, Vol XX,
1954, pp 502-507.

AEC Tr 2479

Scientific - Chemistry; Min/Metals
Jul 56 CTS/dex

RT 4215 36, 265

Colorimetric ^Method of Determining Traces of Boron,
by L. M. Kulberg, T. I. Badeyeva.

RUSSIAN, per, Ukrainskii Khimicheski Zhurnal,
Vol XX, No X 5, 1954, pp 555-563. CIA D 9010134

A.C.S.I.L. Tr 914

Sci - Chemistry
Jul 57

49, 887

SLA R-2080

SLA R-2080
SLA R-2080
SLA R-2080
SLA R-2080

Shkodin, A. M., Izmailov, N. A., and Dzyuba, N. P.
PROPERTIES OF ACIDS AND BASES IN ACID SOL-
VENTS. VII. STUDY OF THE STRENGTH OF MIN-
ERAL ACIDS IN MONOCHLORO- AND TRICHLORO-
ACETIC ACIDS. [1961] 8p.
Order from ATS \$12.80

ATS-96N53R

Trans. of Ukrain[skii] Khim[icheski] Zhur[nal] (USSR)
1954, v. 20, p. 595-601.

DESCRIPTORS: Acids, Organic solvents, Minerals,
*Acetic acids, *Chlorides.

(Chemistry--Organic, TT, v. 7, no. 4)

61-25461

- I. Shkodin, A. M.
- II. Izmailov, N. A.
- III. Dzyuba, N. P.
- IV. ATS-96N53R
- V. Title: Study ...
- VI. Associated Technical
Services, Inc., East
Orange, N. J.

ATS/NT-3039

Office of Technical Services

Additive Properties of Mixed Solutions of Salts,
by G. I. Mikulin, 17 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XX, 1954,
pp 602-614.

SLA 60-17716

Sci

129,405

OTS, Vol IV, No 3

Sep 60

Diagrams of Phase Transformations of B. F. Markov,
I. D. Panchenko, 6 p.

RUSSIAN, per, Ukrainskiy Khimicheskii Zhurnal,
1954, Vol XX, pp 620-625.

SLA 59-20180

Sci
Mar 60
Vol 2, No 11

109,555

Correlation Between Electromotive Forces of Chemical
Cells and Jacobi-Daniel Cells in Melts, by B. F. Marikov,
10 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXI, No 1,
1955, pp 21-26.

K-H 5114 b

OTS-П-64-16464

Sci-Chem

March 64

252,074

The Stability of Supersaturated Solutions of
Slightly Soluble Salts, by M. V. Tovbin, S. I.
Krysnova, 8 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXI, 1955, pp
32-38.

SLA R-2846

Sci

Jul 59

92,438

Azo Derivatives of Benzothiazoles, by A. I.
Kipryanov, I. P. Fedorova, 10 pp.

RUSSIAN, per, *Ukrainskiy Khimicheskiy Zhurnal*,
Vol XXI, No 1, 1955, pp 76-80.

Sci Trans Center *RT 3561*

Chemistry

36,155

Jun 56 CTS

Studies of Phase Equilibria of the System
Naphthalene- β -Methylnaphthalene, by
N. M. Karavayev, et al.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXI,
No 2, 1955, pp 176-181.

Assoc Tech Sv
RJ-523
\$6.90 (\$1.70)

Sci - Chemistry
Apr 1957 CTS/dex

46.781

Oxygen Depolarization on an Iron Prouous
Electrode, by A. A. Edigarian, N. N. Voronin,
20 pp.

UKRAINIAN, per, Ukrain Khim Zhur, Vol XXI,
1955, pp 195-205.

^S
AEC Tr 2469

Sci - Chemistry

36,590

Jul 1956

The Dark Reaction and Photochemical Reaction of the
Decomposition of Water by the Complex Ion of Iron
(3)-O-Phenanthroline, by T. S. Gliman, M. E.
Podlingaviova, 3 pp.

RUSSIAN, por, Ukrainskiy Khimicheskiy Zhurnal, Vol
XXI, No 2, 1955, pp 211-214. CIA 9009547

ACSIL Tr 928

Sci - Physics
Nov 57

54,908

JLA R-2024

Kinetics of the Thermal Decomposition of Organic
Peroxides, by E. K. Varfolomeyeva.

RUSSIAN, no per, Ukrain Khim Zhur, Vol XXI, No 2,
1955, pp 218-221.

Assoc Tech Sv
Tr RJ-582
\$5.40

52, 236

Sci - Chem
Sep 57

S-2716

RUSSIAN, per, Ukrain Khim Zhur, Vol XXI, 1955, pp
233-239.

Heat Capacity and Entropy of Sodium Succinate,
by I. I. Strelkov, V. E. Gerasenko, A. V. Alapina,
3 pp.

UKRAINIAN, per, Ukrain Khim Zhur, Vol XXI, 1955,
pp 291-295.

AEC Tr 2718

Sci - Chem

Sep 58

73, 728

Delimarski, Yu. K., Turov, P. P., and Gitman,
E. B.
TRANSFERENCE NUMBERS IN MOLTEN LEAD
HALIDES. 9p (2 figs omitted) 4refs
Order from OTS, SLA, or ETC \$1.10 TT-64-16462

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR)
1955, v. 21, no. 3, p. 314-317.

(Chemistry--Physical, TT, v. 12, no. 3)

TT-64-16462

I. Delimarskii, Yu. K.
II. Turov, P. P.
III. Gitman, E. B.

Office of Technical Services

Thermal Chlorination of Petroleum n-Octane and
n-Nonane, by R.S.Galanina and A.S.Nekrasov.
RUSSIAN, per, Ukrainskii Khim Zhur, 1955, v. 21,
pp. 331-334.
K-H-13077-c

Eng
Aug 66

307,679

On the Effect of the Anion π on Electrode
Potentials of Metals in Fused Salts, by Yu. K.
DolinarSKIY, 14 pp.

~~SECRET~~
-RUSSIAN, per, Ukrain Khim Zhur, Vol XXI, 1955,
pp 449-456.

S.L.A.T.-R-297
AEC Tr 2642

Sci - Electronics

40, 183
AD410 GB45

Polarographic Investigation of Molten Salts
Based on Potassium Chloride, by I. D. Panchenko,
4 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXI, 1955,
pp 468-471.

AEC Tr 2672

Sci - Chemistry
Jan 57 OTS

42,183