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P. 1-123, 1963, Iv. PL-480 HEW (63-11406-1).
Order from OTS \$1.25 63-11406-1

DESCRIPTORS: *Biochemistry, *Cytochemistry, *Maleic acid, *Kidneys, Amines, Glutaric acid, *Bromination, *Photochemistry, *Ultraviolet spectroscopy, *Pyrimidines, Amino acids, Proteins, Microsomes, *Nitrogen compounds, *Metabolism, Deoxyribonucleic acids, *Nucleic acids, *Phospholipids, Brain, Lungs, Liver, Glycolysis, Hydrolases, Periodicals, Snails, Excretion.

Contents:

Effect of maleic acid on the kidney. II. Hydrogen donors in the reductive amination of α -ketoglutarate in rat kidney and liver, by J. Rogulski and S. Angielski
Bromination of thymine and photochemistry of 5-bromo-6-hydroxyhydrothymine analogues, by D. Barzecz and others
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(over)

63-11406-1

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Office of Technical Services

63-11406-2

ACTA BIOCHIMICA POLONICA, 1963, VOL. 10,
NO. 2, P. 125-241. 1963, Iv. PL-480 HEW.
Order from OTS \$1.25

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DESCRIPTORS: *Biochemistry, Biosynthesis, *Malic acid, *Kidneys, *Succinates, *Amines, Rats, Amino acids, Salts, *Hydrolases, Gastrointestinal system, *Cholinesterase, Pancreas, Valeric acids, *Transferases, Enzymes, *Plants (Botany), *Pyrimidines, Metabolism, Mice, Embryos, Cells(Biology), *Viruses, Neoplasms, *Phosphates, *Phospholipids, Tissues (Biology), Diet, Starvation, Nucleosides, *Nucleotides, Bacteria, *Yeasts, Azoles, Glycerols, Histidine, Halogenation, *Adenosine phosphates, *Esters, Ethyl radicals, Ethanols

Compounds:

Effect of malic acid on the kidney. III. Succinate as
(Biological Sciences--Biochemistry, TT, v. 10, no. 2)
(over)

- I. Title: Succinate...
- II. Title: Synthesis...
- III. Title: Cholinesterase...
- IV. PL-480 HEW (63-11406-3)
- V. National Science
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D. C.

Office of Technical Services

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DESCRIPTORS: *Adrenal cortical extract, *Corti-
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- I. Title: Butenolides
- I. Chemnitz, K.-H.
- II. Doss, M.
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**From: ACTA BIOLOGICA ET MEDICA (GERMANICA 12: 542-51,
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**Type one camera ready-copy. Document can be cut for
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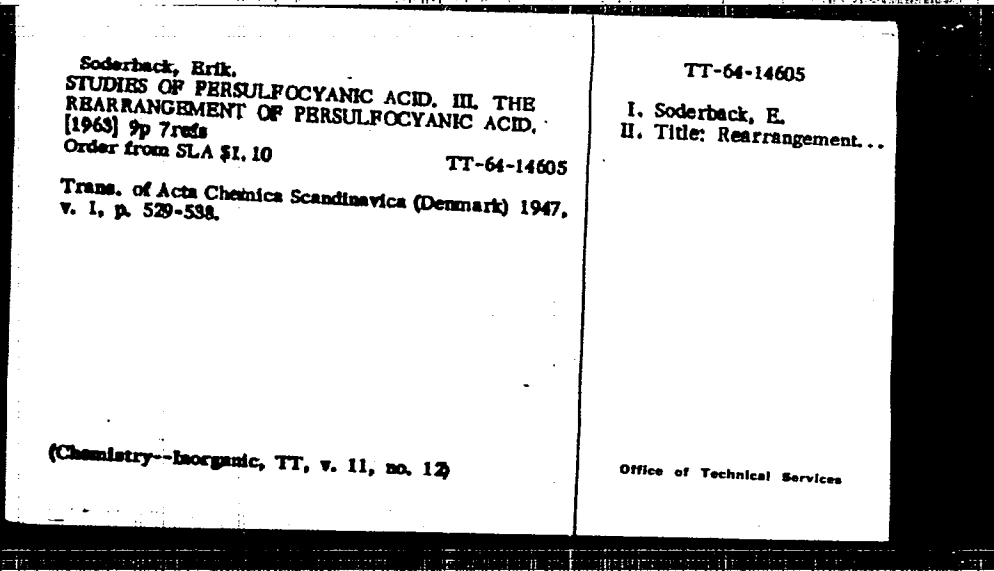
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New Mathematical Solution of the Addition
Method in Spectral Analysis, by S. Csati.

HUNGARIAN, per, Acta Chim Acad Scient Hung, Vol X,
1956, pp 307-311.

ILL M. 4892

Sci - Chem

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Aug 62

Determination of Small Amounts of Calcium by Means
of Iodanyllic Benzilther, by L. ~~W. Jankovits~~ Jankovits, 13 pp.

HUNGARIAN, par, Acta Chimica, Vol X, 1956,
pp 99-110.

SLA 59-10655

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Vol 2, No 1

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63-16376

Vukov, K.
EXAMINATION OF THE ROLE OF PECTIN AND
DEXTRAN IN THE FILTRATION OF SUGAR FACTORY
JUICES. [1963] [19]p.
Order from S.L.A. \$1.60

63-16376

I. Vukov, K.

Trans. of [Acta Chimica (Hungary) 1957, v. 13,
p. 71-81].

DESCRIPTORS: *Pectins, *Dextran, *Carbohydrates,
*Liquid filters, Liquids, Viscosity, Adsorption.

The filterability of model solutions with a given pre-
cipitate and filter cloth, under constant conditions (cake
thickness of constant height, air pressure 1 atm.,
100° C.) was examined. It was shown that dissolved
pectin substances influence filtration rate only slightly
(by increasing the viscosity of the solution); filterability,
however, decreases considerably when pectin substances
are present in the precipitate. Dextrans reduce filtra-
(Food, TT. v. 10, no. 8) (over)

Office of Technical Services

Studies on Atom Absorption Using Sodium,
by E. Pungor, I. K. Thege.

GERMAN, per, Acta Chimica, Vol XXVIII,
1961, pp 133-139.

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Dec 62

Electron Bond in Solid Catalysts and Its Relationship
to Catalytic Properties, by G. Reinacker, 41 pp.

HUNGARIAN, per, Acta Chimica, Vol. XIV, No 1, 1958,
pp 173-196.

SIA 59-10747

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JANKOVITS L., ERDEY L.

Dosage of calcium in the presence of eriochrome B red as indicator

Le dosage de calcium en présence de rouge ériochrome B comme indicateur

Acta Chim. Acad. Sc. Hungar., 15, No. 2, 163-174 (1958)

CEA-A 618 - French

E u r a t o m

Results of Research on the Technical Chemis-
try of Furan Compounds in Hungary,
by G. Fodor, L. Beregi.
HUNGARIAN, per, Acta Chimica, Vol 15,
No 3, 1958, pp 315-323.
SLA TT-66-10286

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Physico-Chemical Study of the Aqueous
Solution of Metatungstic Acid $H_{10}H_2(WO)_6$
by R. Ripan, C. Pristava, 8 pp.
HUNGARIAN, per, Acta Chimica, Vol 16,
1958, pp 83-89.
TC-302

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Nowotny, H., Kieffer, R. and others.
HIGH-MELTING CARBIDES, SILICIDES AND
BORIDES (Hochschmelzende Karbide, Silizide und
Boride). [1961] [22]p. (foreign text included) 16 refs.
Order from SLA \$2.60 61-20844

Trans. of Acta Chim[ica] (Hungary) 1959, v. 18,
p. 35-44.

DESCRIPTORS: *Carbides, *Silicides, *Borides, Heat
tolerance, Melting, Crystallization, Crystal structure,
Transition elements.

The present paper deals with the crystal chemistry of
high melting carbides, silicides and borides. UC and
mixtures of UC together with TiC, ZrC, VC, NbC,
TaC, Cr₃C₂, Mo₂C, WC and ThC were prepared by
the method of hot-pressing. It was found that UC forms
a series of mixed crystals, respectively, with ZrC,
(Physics--Solid State, TT, v. 7, no. 5) (over)

61-20844

I. Nowotny, H.
II. Kieffer, R.

Office of Technical Services

Determination of the Calcium Content in Urine
by Complexometry, by H. Knappe V. Bockel,

BERGLARIAN, per, Acta Chimica, Vol. XVIII,
No 1-4, pp 85-91, 1959

C.S.I.R.O. 4539

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Effect of Trace Contaminations on the Electrolysis
of Alkali Chloride Carried Out by Mercury Cathodes,
by A. Czarnoteky.

HUNGARIAN, per, Acta Chimica, Vol 18, 1958,
pp 167-171.

NYC-69-16296-07D

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Analysis of High-Toxic Organic Phosphoric Acid Esters,
by K. H. Lohs, P. Franz, 9 pp.

GERMAN, per, Acta Chimica, Vol XXVI, No 1-4, 1961,
pp 451-458.

JPRS 22943

Sci-Chem
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247, 158

Vecera, M.
CATALYTIC RAPID COMBUSTION IN ORGANIC
ELEMENTAL ANALYSIS. 21 June 62 [9]p. 16 refs.
Order from SLA \$1.10 62-20192

Trans. of Acta Chim[ica] (Hungary) 1961, v. 26,
p. 511-518.

DESCRIPTORS: *Organic compounds, *Combustion,
Catalysts, Chemical analysis.

The existence of vapor surges with an oxygen deficiency is characteristic of rapid combustion in organic elemental analysis. In a catalyst suitable for continuous operation, reduction and oxidation at the surface must be reversible. A detailed study of various types of catalysts showed that Co_3O_4 was the best of the substances tested for rapid combustion. The flash com-

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

62-20192

I. Vecera, M.

Office of Technical Services

Zsupan, K.
SPECTROPHOTOMETRIC MULTICOMPONENT
ANALYSIS AND ITS APPLICATION IN THE PRO-
DUCTION OF OXYTETRACYCLINE (Spektrophoto-
metrische Mehrkomponentenanalyse und ihre
Anwendung in der Oxytetracyclinherzeugung). [1962]
[17]p. 9 refs.
Order from SLA \$1.60 62-16296

Trans. of Acta Chim[ica] (Hungary) 1961, v. 27
[no. 1/4] p. 451-461.

DESCRIPTORS: Drugs, *Antibiotics, *Terramycin,
Production, Fermentation, *Ultraviolet spectroscopy,
Spectrophotometers.

The ultraviolet spectrophotometric procedure can be
applied with good results in the analysis of oxytetracy-
cline and its accompanying substances (apo-Ter-
ramycin, Rimocidin). With the aid of this method,
(Biological Sciences--Pharmacology, TT, v. 8, no. 9)

62-16296

I. Zsupan, K.

73 PRS 5-
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New Information on the Rapid Analysis of
Ores, Mineral and Silicates, by J. Sajo.
HUNGARIAN, per, Acta Chimica, Vol 28,
1961, pp 259-269.
NTC 69-10880-07B

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1959 V18 P35-84 70-11310-118 (<*)
1963 V36 P177-181 70-21127 (<*)
1968 V40 P374-385 70-21241 (<*)

Acta Chimica Academiae Scientiarum Hungaricae

1963 Vol 36, No 1, pp 269-277 70-24482

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Henry
Silver Oxides, by T. Palagyi,
I. Naray-Szabo.
~~CHIMIA~~, per, Acta Chim, Acad Sci Hung.
Vol XXX, No 1, 1962, PP 1-9.
NASA TT-F-3390

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