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Vol 2, No 5

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Relationship Between the Activity and the
Activity of Some Liquid Catalysts, by O. Mitchell,
L. Smith, and H. Farlar, 7 pp.

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Assoc Tech Serv

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C J - 1617

Doc - Gibon

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Colorimetric Determinations of Tin by Quercetin,
by M. Liska, 10 pp.

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NIH Tr 10-10

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Glucose and Some of Its Derivatives, by M. Cerny,
J. Patok, 7 pp.

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pp 1848-1850.

NIH Tr 11-9
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Sai - Chemistry
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TT-65-11013

Field TC

Vecera, M., Synek, L.
QUANTITATIVE ORGANIC ANALYSIS. V. AUTOMATIC
ELECTRICAL APPARATUS FOR DETERMINING CARBON
AND HYDROGEN IN ORGANIC COMPOUNDS. No. 21 refs.
Order Info: SLA: ELID at TT-65-11013

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1955.

I. Vecera, M.
II. Synek, L.
III. Title: Automatic ...

MR 634

Continuation of Organic Substances in Oxygen,
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CHIDCE, JHAK, Chemische Listy, Vol LIII,
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Dat: 62.

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Bartlesville, Okla.

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ASLIB 0839

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Doc 59

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CZ: BICH, Jiskra, Chemické Listy, Vol. 1, 1956, p. 308

K-H 0019

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pp 534-536.**

C.S.I.R.O.

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CHEM. ABST., Chem Listy, Vol 1, No 4, 1956, pp. 659-661.

MIN Tr 4-13

Sci - Chemistry
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Binary System - Water-, Sodium Carbonate-,
Sodium Hydroxide, by Zdenek Hostalek, 8 pp.

CHURCH, per, Chemické Listy, Vol I, 1956,
pp 716-720.

SLA 61-10226

Vol V, No 5
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Sedivc, Vaclav.
COLOR REACTION OF 1-CHLORO-2,4-DINITRO-
BENZENE WITH PYRIDINE - PHOTO. STUDY.
[1963] Sp. (figs. omitted) 12 refs.
Order from SLA \$11.10 63-14244

Trans. of Chemiecké Listy (Czechoslovakia) 1956,
v. 50, p. 788-791.

DESCRIPTORS: *Nitrobenzenes, Chlorides, *Colori-
metric analysis, Reagents, *Pyridines, Sodium com-
pounds, Hydroxides, Heating.

Optimum conditions for color reaction of 1-chloro-2,4-
dinitrobenzene with pyridine are determined and a study
made of the possibilities of photometric determination
of same in the presence of other aromatic nitro-com-
pounds. (Author)

(Chemistry--Analytical, TT, v. 10, no. 6)

63-14244

1. Title: 1-Chloro-2,4-
dinitrobenzene
1. Sedivc, V.

Office of Technical Services

Sedivec, Václav,
PHOTOMETRIC DETERMINATION OF CHLORO-
BENZENE IN BENZENE. [1963] Sp. (figs. omitted)
5 refs.
Order from SLA \$1.10 63-14243

Trans. of Chem[ická] Listy (Czechoslovakia) 1956,
v. 50, p. 732-733.

DESCRIPTORS: *Benzenes, Chlorides, Nitro radicals,
Colorimetric analysis, Pyridines.

A method was worked out for the determination of small
amounts of chlorobenzene in benzene. The mixture
examined is put into a mixture of its related dinitro
compounds and the amount of 1-chloro-2,4-dinitro-
benzene formed is determined by photometry from its
color reaction with pyridine. (Author)

(Chemistry--Analytical, TT, v. 10, no. 5)

63-14243

I. Sedivec, V.

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The Acidity of Certain Mineral Acids in Acetic
Acid. The Acidity Function (H_0), by Jan Rocch, 14 p
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AEC Tr 3633

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Cocaine Derivatives IV. Attempted Synthesis of
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CZECH
Subject, Chemistry, Vol 1, No 5, 1956,
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TIL ID 4728

Ord. o. Chem
class 58

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Nature of Direct and Indirect Bilirubin. IV. The
Effect of Haptoglobins From the Liver and Pancreas on the
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pp 817-820.

NH Tr 11-1
S.L.A. Tr 1413

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Sci - Chemistry
Dec 56 CTS

Increased pH of a Diluted Nickel Perchlorate
Solution.

By Culin, F.

(Czech, per, Chemická Listy)

Vol 50, 1956,

pp. 1064-71.

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IRC-61-24435

MAR 1970

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Korbl, Jiri and Komers, Radko.
ORGANOSILICON COMPOUNDS. VII. DETERMINA-
TION OF CARBON AND HYDROGEN IN ORGANOSI-
LICON COMPOUNDS. [1963] 1 (p.
Order from K-H \$16.00

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Trnava, Czechoslovakia (Czechoslovakia) 1956, v. 50,
p. 1120-1125 [1100 pub. in Sbornik Czechoslovakych
Kamichemickych Praci (Czechoslovakia) 1957, v. 22,
p. 222-229].
Another name is available from S. A. m \$2.40, ph \$3.30
as SO-1575; [1959] [19p].

DESCRIPTORS: *Silicon compounds, Organic com-
pounds, Carbon, Hydrogen, Chemical analysis.

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

63-17281

- I. Korbl, J.
- II. Komers, R.
- III. K-H-5577-a
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.
- V. Title: Determination ..

Office of Technical Services

On the Metabolism of Folic Acid. III. On
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V. Slavikova-Matouzkova, 14 pp.

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MIN 3-11

Sci - Chemistry
Apix ST CMB/dec

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Polarographic Behaviour of Catechol Tirone,
1:8-dihydroxynaphthalene and Chromotropic Acid,
by L. Buzner, L. Benisek.

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1218.

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Bel - Glava
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Complementary in Organic Analysis II. Determination
of Amino Acids and Peptides, by B. Budzinsky, 12 pp.

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S.L.A Tr 1437/56

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Dec 56 CTB

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ABU Tr-1017

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Sol. - Chem
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Cleavage of 1-Methyl Quinuclidine Hydroxide, by R.
Lukes, O. Abrouf, M. Ferlas, 8 pp.

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Synthesis of α -Oxo- β -Aminovaleric Acid, by
L. Macholan, 10 pp.

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NIK 3-9

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Intermediate Products in the Biological
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by S. Lanka, J. Klinsek, 15 pp.

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Apr 57 (218/6x)

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Synthetic Analogs of Curare Alkaloids VII. Two
New Models of Tubocurarine and Two Other Bis-
Quaternary Ammonium Salts, by Miroslav Protiva,
Milos Borovicka, Lexa Cinaler, Zdenek Sedivy, 12 pp.

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1956, pp 1988-1994.

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Sci - Chemistry

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State, by F. Hajek, V. Frochazka, 1 pp.

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AEC Tr 3109
SLA 58-199

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Sci - Chem

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Sci

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The Determination of Variations in the Lattice Parameters of Various Graphites, by Ferdinand M. Kessler, 11 pp.

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AEC Tr 3083

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Gaspric, Jiri and Vercera, Miroslav.
IDENTIFICATION OF ORGANIC COMPOUNDS. XIV.
SEPARATION AND IDENTIFICATION OF ALIPHATIC
ALDEHYDES AND KETONES (PAPER CHROMATO-
GRAPHY). [1962] 11p.

Order from: K-H 513.75

K-H 6818

Trans. of Chem[ic]ical List[ing] (Czechoslovakia) 1957,
v. 51, p. 287-291.

DESCRIPTORS: Separation, Identification, *Organic
compounds, *Aliphatic compounds, *Aldehydes,
*Ketones, Paper chromatography, *Chromatographic
analysis.

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

6-12983

- I. Gaspric, J.
- II. Vercera, M.
- III. Title: Separation...
- IV. Title: Paper...
- V. K-H-6818
- VI. Kresge-Hooker
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Associates, Detroit,
Mich.

TT-69-30129

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Jankovsky, J.
 DOSAGE COMPLEXIMÉTRIQUE (CHÉLATOMÉTRIE).
 XXVI. DÉTERMINATION COMPLEXIMÉTRIQUE DE
 L'ÉTAIN (Complexometric Titrations (Chelatometry).
 XXVI. Determination of Tin). Sp 3 refs FX-343.
 Order from OCS, INC or CNRS 90, 80 62-26962

Trans. in French of Chemické Listy (Czechoslovakia)
 1957, v. 34, p. 373-376.

DESCRIPTIONS: *Tin, *Chelate compounds, Determina-
 tion, Pyrocatechol, Sodium compounds, Acetone,
 Zinc compounds, Iodide.

(Chemistry--Analytical, TT, v. 18, no. 10)

62-26962

- I. Jankovsky, J.
- II. P/X-343
- III. Centre National de la
 Recherche Scientifique
- IV. Title: Determination...

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The Combined Use of Chelatometry and Ion
Exchange, by L. Wuensch.
CZECH, per, Chemické Listy, Vol 51, No 2,
1957, pp 376-378.
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Sci-Chem
Aug 66

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Preparation of Some Anthraquinone
Derivatives, by Lubos Starko, Alois Vystriekl.

GIEMANT, 1957, Chem Listy, Vol. II, 1957, pp
318-320.

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\$15.75

Sci - Chem

25-2-8

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Benckmann Rearrangement of in Trifluoroacetic Acid,
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~~COMMUNIST~~ per, Chem Listy, Vol LI, 1957, pp 470-473.

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ABC Tr 3066

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Vol - Chem
How 57

The Preparation of Metallic Scandium in the Solid
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Hajek Bohumil, 8 pp.

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AEC Tr 3126

Sci - Chemistry
Apr 58

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Fluorometric Determination of Traces of Carbon
Dioxide in Gases, by J. Jurasek.

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Sci - Chemistry
Jan 61

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Complanometric Titration (Chelometry)
Microdetermination of Lead Using Dichloride as an
Indicator, by S. Kotly,

CTSCN, per, Chem Listy, Vol LI, 1957, pp 730-734.

TIL Tr 4849

Sci - Chemistry
Mar 58

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Highly Active Mixed Catalysts of Nickel-
Magnesium Oxide, Prepared by the Decomposi-
tion of Oxalates in a High Vacuum,
by V. Besson, F. Jira, 17p-
SERCH, part, Highlights Light, Vol 12,
No 3, 1971, pp 203-217.
SLA 70-65-10166

336, 174

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3 98/60

(NS-3727)

The Concentration of Isotope H¹⁵ by a Chemical Exchange Reaction, by A. Zeman, V. Cernak, 8 pp.

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JPRS 2720

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Sci - Chem

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Using Saccharose As a Complex Forming Agent, by
O. Manoušek.

GERMAN, per, Chemische Listy, Vol II, No 5, 1957,
pp 354-350 ~~1957~~

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Semi-Micro Chromatographic Analysis of Gases. XIII.
Separation of Chlorine, Bromine and Iodine, by
J. Janak, M. Kedorost, V. Bubenikova, 13 pp.

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N-Nitrosoderivatives of Secondary Amines I., by
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The Oxidation Products of Acetone by the
Action of Sulfuric Acid, by S. Landa, V.
Kozlikin.

CHEM, year, Chem Listy, Vol XI, 1977, pp 1199-
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Acce Tech Serv CJ-1485

Sci - Chem

Apr 79

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Kochlova, Baurd, Jockh, Fedia, and others.
THE DETERMINATION OF PHYTOL AND PHY-
TANIN AND THE PREPARATION OF PURE SAM-
PLERS [1961] pp. 12 refs.
Order from SIA: \$14.00, ph \$1.00

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61-10914

- I. Phytol--Determination
- I. Kochlova, E.
- II. Jockh, F.

148711

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

Use of Anion Exchangers in Analytical Chemistry.
I. Sorption of Chloride Complexes of Certain
Metals in Oal Anion Exchangers, by Karel Liska,
Ladislav Klir, 4 pp.

CHICH, per, Chem Listy, Vol LI, 1957,
pp 1467-1470.

AISC UCRL Tr-536

Sci - Chem
Aug 60

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Super Chromatography - Acid Triphenylmethane Dyes,
By J. Dobut.

CZICH, pub, Chem Listy, Vol LI, 1958, pp 1202, 1203.

ATS CJ-1214

Sci - Chem
Apr 60

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Knobloch, Edward, Jancik, Fede and others.
THE DETERMINATION OF PHYTOL AND PHYT-
ATRENE AND THEIR PREPARATION OF PURE SAM-
PLES. [1957] 8p.
Order from K-H \$10.00 K-H 6609-a

Trans. of Chemické Listy (Czechoslovakia) 1957,
v. 51, no. 7, p. 1379-1381.
Another trans. is available from SLA m\$1.00,
pb\$1.00 as 61-10914 [1961] 8p.

DESCRIPTORS: Phytol, Synthesis.

(Chemistry- Organic, TT, v. 9, no. 10)

1. Title: Phytolene
I. Knobloch, E.
II. Jancik, F.
III. K-H-6609-a
IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

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CSIRO Tr 4403

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On the Constitution of Xanthinin, by L.
BENJAMIN Dolejs, et al.

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CAS 3948

Sid - Chinn
Misc 62

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Application of Anion Exchangers in Analytical
Chemistry III. Separation of Small Quantities
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GERMAN, paper, Chem Listy, 1957, Vol LI, pp 1547-1548.

Chief Librarian, C.S.I.R.O.
314 Albert Street,
East Melbourne, Australia
C.S., Vic.

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Chromatographic Semimicroanalysis of Gases. XIII.
Separation of Chlorine, Bromine and Iodine. by
J. M. Janak, M. Nedrost, et al.

Chem. pap., Chem. Listy, Vol LI, 1957; Collection of
Czechoslovak Chemical Communications, Vol XXII,
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A Study of Mixing. I. General Interrelation of
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CHANCE, Har, Chem Listy, Vol LI, 1957, pp 1987-
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Belk - Physics, Chem
Aug 59

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Dobias, Bohuslav.
FLOTABILITY OF FLUORITES AND BARITES.
III. FLOTATION BY N-ALKYLPYRIDINE-BROMIDES.
[1963] fig. (figs. omitted) 10 refs.
Order from SIA \$1.10

63-16116

Trans. of Chemické Listy (Czechoslovakia) 1957,
v. 13, p. 1991-1001.

DESCRIPTORS: *Minerals, *Flotation (Separation),
*Fluorite, *Barite, Alkyl radicals, Pyridines,
Bromides, Tests.

(Earth Sciences--Mineralogy, TT, v. 10, no. 7)

63-16116

I. Title: Barite
I. Dobias, B.
II. Title: Flotation ...

Office of Technical Services

Polarographic Depolarization Effects of Thorium
Ions and Some Other Hydrolyzable Cations, by Jiri
Masak, 14 pp.

GERMAN, per, Chem Listy, Vol LII, 1958, pp 7-15.

AEC tr-3827

Sci - Chem
Jan 60

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Zbítrovský, Miroslav and Eitel, Victor.
INVESTIGATIONS IN THE REGIONS OF ORGANIC
FUNGICIDES. IV. PREPARATION OF BIS-TRI-
CHLOROMETHYLTRISULFIDE AND ITS REACTION
WITH MERCAPTAN COMPOUNDS (Práce v Oblasti
Organických Fungicidů. IV. Příprava Bis-trichlor-
metyltrinitridu a jeho Reakce s Merkaptoou-
ceťnami). [1961] [14]p. (foreign text included)
17 refs.

Order from SLA \$11.60

61-20089

Trans. of Chem. [unclear] [unclear] (Czechoslovakia) 1958.
v. 32, p. 105-108.

DESCRIPTORS: Organic compounds, *Fungicides,
*Sulfides, Chlorides, Methyl radicals, Synthesis,
*Thiols, Chemical reactions

The method for the high-yield preparation of bis-
(Chemistry--Organic, TT, v. 7, no. 4) (over)

61-20089

I. Zbítrovský, M.
II. Eitel, V.
III. Title: Preparation...

Office of Technical Services

Corrosion Study XVI - Effect of Rate of Penetration of
Water Vapor by Oil Film in Corrosion of Steel
Protected by Oil Layers, by Robert Bartonicek, 6 pp.

CHIMIE. IND., Chimie Listy, Vol LII, 1958,
pp 120-125.

ACSI I-2392-A
ID 2229.34

Sch - 14/M
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Chemical Group XVII - Effect of Hydrolysis
Description of Aluminum, by Karel Sarcok,
Ivan Seburka, 6 pp.

CHUBB, pp., Chemické Listy, Vol III, 1953, pp 196-200.

ACSI T-2392-B
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Sic II - 16/14
Jm 64

*Review Trans to French
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248,817*

The Reactions of 2,2', 4,4', 6,6' -Hexanitro-
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and NH₃, by Vaclav Mourim, Josef Krtil, Ctirad
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CHEMICAL ABSTRACTS, Chem Listy, Vol LII, 1958, pp 262-268.

ABC #: 3662

Sol - Chem

Jun 59

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Studies of Systems With Stationary Formamide in
Paper Chromatography, by Karel Macek, Stanislav
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CZECH, per, Chem Listy, Vol. LII, 1958, pp 618-622.

ABC Tr 3666

Sci - Chem

Jan 59

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Analysis of Phenols and Hydrocarbons
by Gas-Liquid Partition Chromatography,
by L. Sakal.

CZECH, par, Chem Listy, Vol LII,
1956, pp 726-730.

CSIRO 4368

Sci " Chem
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Examinations, by Jan Klouber, 11 pp.

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pp 621-628.

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Sci - Chem

Aug 60

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Franc, J. (1954)
 SEPARATION OF SOME AROMATIC BODIES
 BY SEPARATION OF SOME BENZENE DERIVATIVES AND
 ALKYLAROMATIC ACIDS BY PAPER CHROMATOGRAPHY
 (Abstracts of papers presented at the 1st
 Conference of Scientists, Prague, 1954) (Abstract available)

Chem. Abstr. 50:1112 (1955)
 (Abstract available)

DE SALT (1955) *Benzenes, Carboxylic acids, Nitrates,
 separation. *Chromatographic analysis. *Molecular
 moment.

The study is continued with an attempt to utilize the
 relation between the dipole moment and chromatographic
 behavior in order to select a suitable method for the
 separation of *o*-, *m*-, and *p*-toluic acid, and hemimel-
 litic, trimellitic, and trimellitic acids. The article will
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