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*PL 480
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*PL 480

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DSIR 34753/CT

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ATS RT-3828

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The Hydroelectric Plants at the ^{Dob-}~~rapina~~ and Orava
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May 59

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E. Upor. Translated into French by
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299-301(1958). 12p.

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AEC Tr-4627

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Seventy-Five Years of the Gyor Water and Sewage Work
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Nov 59

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The Formation and Decomposition of Hexamethylene
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Sci-Phys
May 64

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CONCERNING ALKALI MELTING OF BENZENE-
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included)
Order from SLA \$1.60

TT-63-20497

Trans. of Helv[et]ica Chim[ica] Acta (Switzerland)
1942, v. 25, p. 364-370.

DESCRIPTORS: *Resorcinol, Synthesis (Chemistry),
*Sulfonic acids, Phenyl radicals, Alkali metal
compounds, Melting.

(Chemistry--Organic, TT, v. 11, no. 3)

TT-63-20497

1. Title: Benzene disulfonic
acid

I. Fierz-David, H. E.
II. Stamm, G.

Office of Technical Services

A Colorimetric Phot-Electric Determination of
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GERMAN, per, Helvetica Chimica Acta, Vol XXV, 1942,
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SLA Tr 763/1955

Sci - Chem

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Sci -
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333,954

Structure of a Nickel and Cobalt Silicate With
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8 pp.

GERMAN, per, Helv Chim Acta, Vol XXV, Nov 1942,
pp 1543-1547.

SLA Tr 57-861

Sci - Chemistry
Oct 57

54,109

Agency: Picatinny Arsenal
Req. 68-70

R-11110-D
3 Dec. 69

Title: Absorptionsspektren von Sprengstoffen.
pp. 121 - 129. 9pp

Author: Von H. Mohler.

Source: Helv. Chim. Acta. Vol. 26. (1943).

Language: German.

Special Instruction: Please translate & type 1 copy only

* * * Picatinny Arsenal
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R-11884*P *
13 July 70

Title: Absorptionsspektren von Sprengstoffen

Author: von H. Mohler.

Source: Helv. Chim. Acta. ~~XXXXXXXX~~ Vol. 26, (1943),
pp. 121 to 129. 9pp

Language: German

Please translate and type 1 copy only.

The Reaction Between Casein and Formaldehyde. 4.
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Swelling of Casein, by H. Mitschmann, H. Hadorn,

GERMAN, per, Helv Chem Acta, Vol XXVI, 1943, pp
1084-1098.

CSIRO-12231

Sci

Aug 59

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Karrer, P., Geiger, A. and others.
OPTICALLY ACTIVE PHYTOL [PT. I]. [1962] 12p.
Order from K-H \$15.00 K-H 5629-e

Trans. of Helvetica Chimica Acta (Switzerland) 1943,
v. 26, p. 1741-1750.

DESCRIPTORS: *Alcohols, Decomposition, *Phytol,
Stereochemistry, Optics.

(Chemistry--Organic, TT, v. 9, no. 2)

62-22483

I. Karrer, P.
II. Geiger, A.
III. K-H-5629-e
IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

V
Determination and Formation of Oxide Layers on
Aluminum, by W. D. Treadwell, A. Obrist

GERMAN, per, Helv Chim Acta, Vol XXVI, 1943,
pp 1816-1828.

AEC Tr 2377

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

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The Calorimetric Standardization of the Activity
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for Aluminum Oxide, by P. B. Muller, 35 p.

GERMAN.

~~SWISS~~, per, Helv Chim Acta, 1943, Vol XXVI,
No 5-8, pp 1945,-1965.

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SLA 60-10835

Sci
May 60
Vol 3, No 4

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Investigations on Extracts From Organs. Non-
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GERMAN, per, Helv. Chim. Acta, Vol 26, 1943
pp 2205-2212
CSID/No. 8363

sci/ chemistry
aug 69

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Spectroanalytical Determination of Traces of Sodium in
Very Pure Aluminum, F. Rohner, 9 pp.

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~~Swiss~~, per, Helv. Chim. Acta, Vol XXVII, 1944,
pp 268-273.

S.L.A. Tr 130/1956

Scientific - Chemistry

33,928

Karrer, P., Simon, H., and Zbinden, E.
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Order from K-H \$18. 75 K-H 5562-b

Trans. of Helvetica Chimica Acta (Switzerland) 1944,
v. 27, p. 313-316.

DESCRIPTORS: *Alcohols, Decomposition, *Phytol,
Stereochemistry, Optics.

(See also: K-H 5629-e)

(Chemistry--Organic, TT, v. 9, no. 2)

62-22482

- I. Karrer, P.
- II. Simon, H.
- III. Zbinden, E.
- IV. K-H-5562-b
- V. Kresge-Hooker Science
Library Associates,
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Office of Technical Services

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MIN K₁). [1962] 5p.
Order from K-H \$6.25 K-H 5629-f

Trans. of Helvetica Chimica Acta (Switzerland) 1944,
v. 27, p. 317-319.

DESCRIPTORS: *Vitamin K, *Quinones, Stereochem-
istry, Optics.

(Chemistry--Analytical, TT, v. 8, no. 12)

62-22480

I. Karrer, P.
II. Simon, H.
III. Zbinden, E.
IV. K-H-5629-f
V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Constitution and Toxic Action of Natural and
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pp 892-928.

CSIRO-3389

Sci - Chemistry
Jan 59

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CONCERNING THE HYDROXYCHLORIDES OF MAG-
NESIUM. Über die Hydroxychloride des Magnesiums).
Rept. no. 25 on Hydroxy-salts of Bivalent Metals.
[1963] [37p] (foreign text included) 22refs
Order from SLA \$3.60

63-20179

Trans. of Helvetica Chimica Acta (Switzerland) 1944,
v. 27, p. 1480-1495.

DESCRIPTORS: *Magnesium compounds, Oxides,
*Chlorides, *Hydroxides, Salts, Metals, Molecular
structure, Solutions, Chemical reactions.

(Chemistry--Physical, TT. v. 10, no. 11)

63-20179

I. Feltknecht, W.
II. Held, F.
III. Title: Hydroxy-...

Office of Technical Services

Concerning Magnesium-Aluminum Double-Hy-
dride and Hydroxy-Double-Chloride, by
W. Peitmecht, F. Heid, Op.
SWISS, per, Helvetica Chimica Acta, Vol 27,
1944, pp 1495-1501.
SLA TT-64-18878

333, 780

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Studies on the Decomposition of Salts of
Polymethylene- α,ω -Dicarboxylic Acids, by
M. Stoll, A. Rouve, 23 pp.

GERMAN, per, Helvetica Chimica Acta, Vol XXVII,
No 5, ~~1944~~ 1944, pp 1570-1583.

SLA 59-15932

Sci
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Vol 2, No 7

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Fluorometric Method for Determining Tocopherol,
by N. Kofler,
FRENCH, per, Hlev Chim Acta, Vol XXVIII, 1945,
pp 26-31.
HEW NIH 5-2-67

Sci-B&M
Jun 67

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Viscosity of a Function of Flow Gradient
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tions, by W. Kuhn, H. Kuhn.

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1945, pp 97-127.

NASA TT F-12,013

Sci-Chem

Mar 69

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Oxidation of Manganese(II) Hydroxide With Molecular
Oxygen, by W. Feitknecht, W. Marti,

GERMAN, per, Helv Chim Acta, Vol XXVIII, 1945,
pp 129-148.

ATS 458-GJ

Sci - Chem

Aug 60

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Manganites and Artificial Pyrolusite, by W. Feithmecht,
W. Marti,

GERMAN, per, Helv Chim Acta, Vol XXVIII, 1945,
pp 149-156.

11-004392

ATB 561-GJ

Sci - Chem

Aug 60

123,920

Evidence of γ -Ascorbic Acid as Metabolism Product
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⁴ P.
GERMAN

~~et al.~~, par, *Helv Chim Acta*, 1945, Vol XXVIII,
pp 248-250.

BIA 59-20397

Sci

Feb 60

Vol 2, No 12

108,204

Studies on the Sulfonation of Naphthalene, by
H. E. Fierz, D. Richter, C. Richter, 3 pp.

GERMAN, per, Helv Chimica Acta, Vol. XXVIII;
1945, pp 257-274.

SLA 57-2599
NIE Tr 9-5

Sci - Chemistry

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Oct 57

Vinylene Homologues of Triphenylmethane Dyes II.
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1945, pp 600-612.

CIA/FED/X-1473

Scientific - Chemistry

13,650

Fluorometric and Colorimetric Determination of 2-Methyl-1, 4-Naphthoquinone, by M. Kofler, 13 pp.

GERMAN, per, Helv Chim Acta, Vol XXVIII, 1945, pp 702-707.

WIE 2-9-61

Sci - Med
Apr 61

145,987

Complexones: I. Concerning the Salt Formation of
Nitrilotriacetic Acid, by G. Schwarzenbach.

Full translation.

GERMAN, per, Helv Chim Acta, Vol XXVIII, ~~XX~~ 1945,
pp 828-840.

Def Sci Info Sv,
DRB Canada, T.21.G.

Scientific - Chemistry

Jun 53 CTS

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Plattner, P. A. and Geiger, M.
THE ACID CHLORIDE OF BETAIN-
HYDROCHLO-
RIDE AND ITS USE IN THE PRODUCTION OF
WATER-SOLUBLE ALCOHOL AND AMINE DERIVA-
TIVES. [1963] 16p. 20 refs.
Order from SLA \$1.60

63-14595

Trans. of Helv[etice] Chim[ica] Acta (Switzerland)
1945, v. 28, p. 1362-1370.

DESCRIPTORS: Chlorides, Acylation, Production,
*Alcohols, *Glycines, *Amines.

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

63-14595

1. Title: Betaine compounds
- I. Plattner, P. A.
- II. Geiger, M.

Office of Technical Services

Geiger, Ernst and Wissler, Alfred.
OXY- AND HYDROCELLULOSES. III. THE
QUANTITATIVE DETERMINATION OF CARBONYL
GROUPS IN HYDROCELLULOSE. [1961] 13p. 28 refs.
Order from SLA \$1.60 61-20487

Trans. of Helvetic Chemical Acta (Switzerland)
1945, v. 28, p. 1638-1647.

DESCRIPTORS: *Hydrocellulose, Cellulose, Cellulose
chemistry, Carbonyl radicals, Molecular weight,
Determination.

(Chemistry--Analytical, TT, v. 7, no. 1)

61-20487

I. Geiger, E.
II. Wissler, A.
III. Title: Quantitative...

Office of Technical Services

Separation Effects in the Distillation of
Mixtures of any Number of Components, by W.
Kuhn.

GERMAN, per, Helvetica Chimica Acta, Vol 29,
1946, pp 329-342.

*AEC 2617

ALL Ref: 5828.4F (12927)

Sci - Materials
Aug 67

Complexones. III. Uramil Diacetic Acid and Its Complex Building Powers, by G. Schwarzenbach, E. Kampitsch and R. Steiner.

Full translation.

GERMAN, per, Helvetica Chimica Acta, Vol XXIX, No 6 2
1946, pp 304-370.

ABC Tr 1223 1292

Scientific - Chemistry

Jun 52 OTS

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CIA-802912

Schwarzenbach, G., Biedermann, W., and
Bangerter, F.

COMPLEXONES. VI, NEW SIMPLE TITRATION
METHODS FOR THE DETERMINATION OF WATER
HARDNESS. [1963] 11p refs
Order from SLA \$1.60

63-20177

Trans. of Helvetica Chimica Acta (Switzerland) 1946,
v. 29, p. 811-818.

Another trans. is available from SLA as 2884, 12p.

DESCRIPTORS: *Sequestering agents, *Water supplies,
Hardness, *Calcium, *Magnesium, *Volumetric
analysis.

(Chemistry--Analytical, TT, v. 10, no. 12)

63-20177

I. Schwarzenbach, G.
II. Biedermann, W.
III. Bangerter, F.
IV. Title: New...
V. Trans-2884

Office of Technical Services

Complexones VI. Simple New Methods of Titration for Determining the Hardness of Water, by G. Schwarzenbach, E. Kampitsch, R. Steiner, W. Biedermann, and F. Bang-erter.

Full translation.

GERMAN, per Helvetica Chimica Acta, Vol XXIX, No 4, 1946, pp 818-8.

AEC Tr 1293

Scientific - Chemistry

Jun 52 CTS

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Def Res Board, Canada T-23 G

Enzymatic Decomposition of 1-Alpha-Oxyacids
(1), by B. Iselin, E. A. Zeller, 33 pp.

GERMAN, per, Helvet Chim Acta, Vol XXIX, No 6,
1 Oct 1946, pp 1500-1520.

NIH

Scientific - Chemistry

Nov 54 CTS

19,551

On Alkaloid Curare From Calabashes (Report I),
by P. Karrer, H. Schmid, 27 pp.

GERMAN, per, Helvet Chim Acta, Vol XXIX, No 7,
1946, pp 1861-1870.

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Scientific - Chemistry CTS/DEK

17,929

Cherbuliez, E. and Weniger, I.
PHOSPHORYLATION WITH POLYPHOSPHORIC ACIDS.
1962, 21p. 8 refs.
Order from SLA \$2.60

62-14299

Trans. of Helvetica Chimica Acta (Switzerland) 1946,
v. 29, p. 2006-2017.

DESCRIPTORS: *Phosphorylation, *Phosphoric acids,
Acids, Barium compounds, Calcium compounds,
Phosphates, Ethyl radicals, Alcohols, Choline,
Amines.

(Chemistry--Inorganic, TT, v. 8, no. 2)

62-14299

I. Cherbuliez, E.
II. Weniger, H.

Office of Technical Services

Separation of Anions on Alumina, by H. Kubli.
GERMAN, per, Helvetica Chimica Acta, Vol 30,
1947, pp 453-463.
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Sci - Nuclear Science
Jun 67

The Neuro-Regenerative Growth-Substance "NR",
by B. Koechlin, A. Von Muralt, 17 pp.

GERMAN

SWISS, psr, Helvetica Chimica Acta, Vol XIX, No 2,
1947, pp 519-524.

ELA 60-10398

119,090

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Jun 60

Vol XII, No 5

Meyer, Kurt H., Fischer, Edmond H., and
Bernfeld, Peter.

ON THE AMYLOLYTIC ENZYMES. I. ISOLATION
OF THE ALPHA-AMYLASE OF THE PANCREAS
(Sur les Enzymes Amyliolytiques. I. L'isolement de
l' α -amylase de Pancreas). [1963] [33p] 78refs.
Order from SLA \$3.60

TT-64-10020

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DESCRIPTORS: *Enzymes, *Pancreas, Separation,
*Glucoside hydrolases, Secretion, Gastrointestinal
system,

(Biological Sciences--Biochemistry, TT, v. 11, no. 5)

TT-64-10020

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- II. Fischer, E. H.
- III. Bernfeld, P.
- IV. Title: Isolation ...
- V. Title: L'isolement ...

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son, in the Use of the Miniature Photo Process,
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DESCRIPTORS: *Acylains, Synthesis

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DESCRIPTORS: *Liquids *Threads, *Viscosity,
*Synthetic fibers, *Textile industry.

(Materials--Textiles, TT, v. 7, no. 5)

61-20292

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Indication by pH Effects, by G. Schwerzenbach,
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Order from SLA \$2.60

61-16742

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v. 31 [no. 3] p. 737-748.

DESCRIPTORS: *Glutathione, Synthesis, Peptides.

A method is reported for the synthesis of glutathione (γ -glutamyl-L-cysteinylglycine). Starting from cysteine and glycine, after blocking the SH group and the NH₂ group of the cysteine, S-benzyl-N-carbobenzoxy-cysteinylglycine is prepared. Splitting out of the carbobenzoxy group and esterification gives the methyl ester of S-benzylcysteinylglycine, which is coupled with the γ -monooxazole of carbobenzoxy-L-glutamic acid. Saponification gives S-benzyl-N-carbobenzoxyglutathione, which is converted by reduction with sodium in liquid ammonia to the glutathione. (Author)

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Sci - Chem

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