

Concerning the Presence of Diamines, so Called
Ptomaines, in Cystinuria, by L. Udranszky.
GERMAN, per, Hoppe Seyler's Zeitschrift fuer
Physiologische Chemie, Vol 13, 1889, pp 562-594.
NTC-71-12342-06E

Nov 71

Further Contributions to the Knowledge of
Cystinuria, by L. Udranszky.
GERMAN, per, Hoppe Seyler's Zeitschrift fuer
Physiologische Chemie, Vol 15, 1891, pp 77-91.
NTC-71-12343-06P

Nov71

The Behavior of Products of Protein Cleavage and
of Several Sugars toward Ozone, by C. Harries,
K. Langheld.
GERMAN, per, Hoppe Seyler's Zeitschrift fuer
Physiologische Chemie, Vol 51, 1907, pp 372-383
NTC 70-13561-06A

sci/b and m
nov 70

Investigations on Colloids in the Urine. First
Report. Colloids in Normal Human Urine, by
Lichtwitz, Q. Rosenbach, 11 pp.

GERMAN, per, Hoppe-Seylers Z. physiol Chem,
Vol VI, ~~1889~~, pp 112-118.

1909,

NIH 6-14

Sci - Med

Jul 58

67,533

The Identification of the Porphyrin Appearing
in the Urine After Trional Poisoning, by A.
Ellinger, O. Riesser, 15 pp.

GERMAN, per, Hoppe-Seylers Z. fuer Physiol
Chem, Vol XCVIII, 1916-1918, pp 1-10,

NIH 10-44-60

Sci - Med
Dec 60

133,887

On a Substance Eliminated by the Kidney, which
Acts as a Heart Stimulant, by E. K. Frey and H.
H. Kraut, 19 pp.

GERMAN, per, Hoppe-Seyler's Z., Physiol Chem, Vol
CIVII, No 1-3, 1929, pp 4961.

SIA 57-2964

Sci

Aug 58

71,115

R. Klement

The composition of Bone support substance.
GERMAN, Zeits. fuer Physiologische Chemie,
Hoppe-Seyler, Vol 184, 1929, pp 132-142
*NASA TT F 13,916

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oct 72

Studies on Formation of Urea in Animal Body

by H. Krebs

FRENCH, per, Hoppe Seyler Z Physiol Chem,

Vol 210, 1932, pp 33-66.

HEW NIH

6-11-68

Sci-B&M
Aug 68

362,376

Contribution to the Knowledge of Kallikrein, by H.
Kraut, E. K. Frey, E. Bauer and F. Schultz, 28 pp.

GERMAN, per, Hoppe-Seyler's Z. Physiol Chem, Vol
CCV, No 3-4, 1932, pp 99-114.

SLA 57-2936

Sci

Aug 58

71,118

The Decomposition of Rufianates, Flavianates,
Picrates, and Picrolonates by Means of Wool,
by H. Muller, 5 pp.

Vol CCIX,

GERMAN, per, Hoppe-Seylers Z. Physiol Chem, 1932,
pp 207-210.

SLA Tr 57-294

Sci - Chem
Jul 57

H9, 917

Changes in the Colloidal State of Muscle Protein
in the Course of Muscle Activity, by H. J. Dauticke.
GERMAN, per, Hoppe Seyler & Physiol Chem, No 210,
1932, pp 97-124.
HEW NIH
2-2-69

Sci/B&M
Apr 69

380,195

Investigations on Lipoids of Animal Organs. 8th
Report. The Occurrence of Lignoceryl Sphingosine
in the Beef Spleen, by C. Tropp, V. Wiedersheim,
11 pp.

GERMAN, per, Hoppe-Seylers Z. physiol Chem, Vol
CCXXII, 1933, pp 39-43.

NIH 6-4

Sci - Med
Jul 58

67,523

Excretion of Phenyl Pyruvate in Urine as Meta-
bolic Anomaly Related to Imbecility, by A. Fol-
ling,

FRENCH, per, Hoppe Seyler Z Physiol Chem, Vol
CCXXVII, 1934, pp 169-176.
HEW-NIH-11-9166

Sci-B*H
Jan 67

316,917

63-14870

Ziese, W.
CONTRIBUTION TO SPECIFICITY OF AMYLASE
INFLUENCE OF AMYLASE ON OXY ETHYL STARCH
[1963] 7p. 8 refs.
Order from SLA \$1.10

63-14870

Trans. of [Hoppe-Seyler's] Zeitschrift für
Physiologische Chemie (Germany) 1934, v. 229,
p. 213-218.

DESCRIPTORS: *Glycoside hydrolases, *Starches,
*Enzymes, *Taka diastase, Ethyl radicals, Oxides,
Viscosity.

(Biological Sciences--Biochemistry, TT, v. 10, no. 5)

1. Ziese, W.

Office of Technical Services

<p>Ziese, Walter. SUPPLEMENT TO THE SPECIFICATIONS OF THE AMYLASES. II. ABOUT THE NON-OCCURRENCE OF REDUCING POWER WITH ENZYMIC DISINTE- GRATION OF OXYETHYL STARCH OBTAINED FROM NATIVE STARCH. [1963] 13p. 7 refs. Order from SLA \$1.60 63-14871</p> <p>Trans. of [Hoppe-Seyler's] <u>Z[eitschrift für]</u> <u>Physiolog[ische] Chem[ie]</u> (Germany) 1935, v. 235, p. 235-245.</p> <p>DESCRIPTORS: *Glycoside hydrolases, *Enzymes, *Starches, Potatoes, Ethyl radicals, Hydrolysis, Reduction (Chemistry), Viscosity.</p> <p>(Biological Sciences--Biochemistry, TT, v. 10, no. 5)</p>	<p>63-14871</p> <p>I. Ziese, W. II. Title: Non-Occurrence ...</p> <p>Office of Technical Services</p>
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in Lipid Mixtures and in Organs, by R. Feulgen,
H. Grunberg, 12 pp.

GERMAN, per, Hoppe-Seylers Z. Physiol Chem, Vol CCLVII,
1939, pp 161-172.

NRH 5-7-61

Sci - Med
Jul 61

159,543

Regarding Steric Selection by Peptidases
in Normal and Carcinomatous Sera. Preliminary
Communication, by E. Waldschmidt-Leitz, K. Mayer,
6 pp.

GERMAN, per, Hoppe-Seylers Z Physiol Chem, Vol
CCLXII, No 3, 4, 5, 1939, pp 4-6.

SIA Tr 57-281

Sci - Chem
Jul 57

49, 971

Enzymatic Experiments on Sarcomas and Chlorophyll-
Defective Barley Mutants, by H. Euler, H. Hellstrom,
G. Gunther, L. Elliot, S. Elliot, 5 pp.

GERMAN, per, Hoppe-Seylers Z Phys Chem, Vol CCLIX,
~~CCXX~~, No 2, 3, 4, 1939, pp 201-203.

S.L.A. Tr 57-542

Sci - Chemistry
Jun 57

48,802

On the Occurrence of Trace Elements, Especially
Uranium, in the Beef Liver and Spleen, by
Joseph Hoffmann, 6 pp.

GERMAN, per, Hoppe-Seyler's Z. Physiol Chem,
Vol CCLXXIII, 1942, pp 115-117.

AEC Tr 2665

Sci - Biology; Chemistry
Jan 57 CTS

42,164

S-A-3-10

Preparation of Concentrated Solutions From Dilute Ones by Simple Membrane Action. A Model Experiment on the Function of the Kidney, by W. Kuhn, W. Ryffel, 50 pp.

GERMAN, per, Hoppe-Seyler's Zeitschrift fur Physiologische Chemie, Vol CCLXXVI, No 4, ~~IX~~ 6, 1942, pp 145-178.

NIH Tr No 12

31,119

Scientific - Chemistry

The Effect of Alkylated Succinic Acids On
Succinic Dehydrogenases and Other Dehydrogenases,
by Wilhelm Franke, Dora Siewerdt, 16pp
GERMAN, per, Hoppe-Seyler's Zeitschrift fur
Physiol Chem, Vol 280, 1944, No 3/4, pp 76-87
SIA TP-64-20553

Sci - Biol
June 67

328,785

I. Experiments for Isolation of Kallikrein,ⁿ
by H. Kraut, I. Schweitzer, 9 pp.

GERMAN, per, Hoppe-Seyler's Z. Physiol Chem, Vol
CCLXXXIV, No 1-6, pp 211-215, 1949.

SLA 57-2965

Sci
Aug 58

71,119

The Aldehyde of the Acetal Phosphatidea of the Brain,
by Friedrich Leupold, 25 pp.

GERMAN, per, ~~Hoppe-Seylers Z. Physiol Chem~~, Vol CCLXXXV,
1950, pp 182-200.

NIH 5-17-61

Sci - Med
Jul 61

159,553

On Tyrosinosis, by K. Felix, G. Leonhardi,
I. V. Glasenapp, 6 pp, and 3 Atch.

GERMAN; per; Hoppe-~~Seyler~~ Seylers Zeitschrift fuer
Physiol Chemie, Vol CCLXXXVII, 1951, pp 141-147.

NIH 10-15-61

Sci - Med

179, 375

Jan 62

Investigations Into the Coccygeal Glands of Birds.
I. The Fatty Substances of the Coccygeal Glands of
Ducks, by G. Weitzel, K. Lennert. }

GERMAN, per, Hoppe - Seylers Z. fur Physiologische
Chemie, Vol 88, 1951, pp 251-256.

NZDSIR/No 504

Sci
Jan 63

A Contribution on Glucuronic Acid Detoxication,
by H. Sudhof.
GERMAN, per, Hoppe Seyler's Zeit fuer Physiol
Chemie, Vol 290, 1952, pp 72-78.
HTC 69-15411-06A

Sci-B&M
Dec 69

398,403

On the Aldehydes of Glycerophosphatides of the
Skeleton and the Heart Muscle, by E. Klenk, W.
Stoffel, H. J. Eggers, 11 pp.

GERMAN, per, Hoppe Seylers Z. Physiol Chem, Vol CCXC,
1952, pp 246-251.

NIH 5-16-61

Sci - Med
Jul 61

159,551

Klingenberg, H. G.
FACTORS INFLUENCING THE HEAT COAGULA-
TION OF OVALBUMIN. [1963] 8p. 13 refs.
Order from SLA \$1.10 63-14964

Trans. of Hoppe-Seyler's Zeitschrift f[ur] Physiol-
[ogische] Chemie [West Germany] 1952, v. 291,
p. 16-23.

DESCRIPTORS: *Albumins, Proteins, *Eggs, Coagula-
tion, Heat treatment, Stability.

It was determined that an anionic protein such as oval-
bumin can be stabilized with negatively charged sub-
stances without influencing the pH of the solution while
it can be labilized with positively charged substances.
The extent of turbidity of the protein solution following
heat treatment seems to depend not so much on the con-
centration of the labile protein but rather on the ratio
of labile: stable protein. It can obviously be assumed
(Biological Sciences - Biochemistry, TT, v. 10, no. 5)
(over)

63-14964

I. Klingenberg, H. G.

Office of Technical Services

An Improvement of the Freezing Drying of Organs, by
M. Behrens, 16 pp.

GERMAN, per, Hoppe-Seyler's Z Physiol Chem, Vol
CCXCI, 1952, pp 245.

SIA 58-93

Sci
Jul 59

92, 980

Separation of Mixtures of Substances on Filter
Paper by Deflection in an Electric Field, by
W. Grassmann and G. Hannig.

GERMAN, per, Kolman-Seyler's Z. Physical Chem,
Vol CCXCIII, 1953, p 32-50.

SIA CSIRO 2973

Sci

Jul 58

68.594

Quantitative Determination of the Acetal Phosphatides
in Organs, by H. Christl, 12 pp.

GERMAN, per, Hopps-Seylers Z. Physiol. Chem, Vol CCXCIII,
1953, pp 83-88.

NIE 5-24-61

Sci - Med
Jul 61

159,560

Bacterikal Lipids. The LKipids of Salmonella
Ballerup, Paracolonbacirum Ballerup, by
S. Gmalik, E. Briaki, 10 pp.
GERMAN, per, Hoppe-Seyler's Zeit fuer Physiologische
Chemie, No-298, 1953, pp 222-229.
NIH 6-3-64 vol CCXCIII

Sci - Biol & Med
Aug 64

264,276

Gross, F. and Schaaf, F.
BEHAVIOR OF THE SKIN TOWARD ACIDS OF
MEDIUM CHAIN LENGTH. [1963] [26]p. (figs. omitted)
7 refs.
Order from SLA \$2.60 63-18478

Trans. of Hoppe-Seyler's Zeitschrift für Physi-
[ologische] Chem[ie] (West Germany) 1953, v. 295,
p. 119-128.

DESCRIPTORS: *Skin, Adaptation (Physiology), *Fatty
acids, Ointments, Toxicity.

When fatty acids, triglycerides or other fatty acid
esters are repeatedly rubbed into the intact guinea pig
skin, only the straight-chain saturated fatty acids with
medium chain length (C₆-C₁₄) and triglycerides which
possess these fatty acids in more abundant amounts
show a special behavior. The epidermis undergoes a
(Biological Sciences--Toxicology, TT, v. 10, no. 9)
(over)

63-18478

I. Gross, F.
H. Schaaf, F.

Office of Technical Services

On the Glycolipids and Sphingomyelins of the Stroma
of Horse Erythrocytes, by E. Klenk, K. Lauenstein,
23 pp.

GERMAN, per, Hoppe-Seyler's Z. phys. Chemie, Vol CCXCV,
1953, pp 164-173.

NIH 38

33,518

Scientific - Biology

The Metabolism of Cholic and Desoxycholic Acid in
the Rat, by Sune Bergström, et al, 12 pp.

GERMAN, per, Hoppe-Seyler's Z. Physiol, Chem, Vol
CCXCV, 1953, pp. 278-287.

S.L.A. Tr 974

Sci - Medical ^{ine}

33,010

Apr 56

On Bacterial Lipids. Investigation
of Different Lipid Fractions of Salmonella
Paratyphi C., by S. Cmelik, 9 pp.
GERMAN, per, Hoppe-Seyler's Zeit fuer
Physiologische Chemie, No 296, 1954,
pp 67-73.
NIH 6-5-64

Sci - Biol & Med
Aug 64

264,278

Hubener, H. J. and Schmidt, J. G. H.
THE EASE OF SAPONIFICATION OF VARIOUS
STEROID HORMONE ESTERS BY LIVER AND ES-
TERASES. [1962] 10p.
Order from ATS \$15. 40 ATS-30P60G

Trans. of Hoppe-Seyler's Zeitschrift für Phys-
iologische Chemie (West Germany) 1954, v. 296,
p. 246-256.

DESCRIPTORS: *Saponification, *Steroids, *Hor-
mones, Esters, *Liver, *Serum, *Esterases.

(Biological Sciences--Physiology, TT, v. 8, no. 1)

62-17309

I. Hubener, H. J.
II. Schmidt, J. G. H.
III. ATS-30P60G
IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

The Coupling of Proteins to Diazotized Polyaniline-
styrene, by H. L. Schleith.

GERMAN, per, Hoppe-Seyler's Z Physiol Chem,
Vol CCXCVII, 1954, pp 109-112.

Natl Res Council of Canada
TR-805

Sci - Medicine
Jan 61

136,424

On the Choline-Containing Plasmalogens
(Acetalphosphatides) in the Beef Heart Muscle,
by E. Klenk, H. Debuch, 7 pp.

GERMAN, per, Hoppe-Seyler's ^AZeitschrift fuer
Physiologische Chemie, Vol /CCXCIX, No 1-2,
1955, pp 66-73.

NIH 3-67-62

198,617

Sci - Med

Jun 62

Documentation of Physiological -Chemical
Literature on Punched Cards, by Karl Friedrich
Gey, Hans Kalbe, 9 p.

GRIMAN, per, Hoppe-Seyler's Zeit f Physiol
Chemie, 1955, Vol 33 CCOI, No 1/2, pp 70-77.

SLA 59-20753

113,672

Sci
Apr 60, Vol LII, No 3

The Docosapolyenoic Acids of the Glycerin
Phosphatides of the Brain, by E. Klenk,
F. Lindlar, 7 pp.

GIERMAN, per, Hoppe-Seylers Zeitschrift fuer
Physiol Chemie, Vol CCXCIX, No 1-2, 1955,
pp 74-84.

NIH 3-66-62

Sci - Med

198,616

Jun 62

Contribution to the Knowledge of the
Lipids Bacteria. V. Report on Bacterial
Lipids, by S. Cmelik, 11 pp.
GERMAN, per, Hoppe-Seyler's Zeit fuer
Physiologische Chemie, K No 299, 1955,
pp 227-234. *Vol CCXCIX*
NIH 6-4-64

Sci - Biol & Med
Aug 64

264,277

The Complexly-Bound Lipids of Diphtheria Bacteria
From Different Nutrient Solutions, by S. Gmelik,
9 pp.
GERMAN, per, Hoppe-Seyler's Zeit Physiologische
Chemie, No 300, 1955, pp 167-173.
NIH 6-15-64 *Vol ecc*

Sci - Biol & Med
Aug 64

264,286

The Useful Range of the Determination of Amino
Nitrous Acid, by G. Kainz and F. Scholler, 10
pp.

GERMAN, per, Hoppe-Seyler's Z. Physiol Chem, Vol
CCCI, 1955, pp 259-269.

ATS-7086

Sci

71,094

Aug 58

Phosphatides of Typhoid Bacteria, VIII - Report on
Bacterial Lipoids, by S. Gmelik, 14 pp.
GERMAN, per, Hoppe-Seyler's Zeit fuer
Physiologische Chemie, No 302, 1955, pp 20-28.
NIH 6-18-64 *Weccl*

Sci - Biol & Med
Aug 64

264,287

Polychromatic Verification of Amino Acids on Paper
Chromatograms and Paper Electropherograms, by J.
Barrollier, J. Hailman, E. Watzke, 10 pp.

GERMAN, per, Hoppe-Seylers Zeitschrift f. Physiol
Chem, No. 302 (1956), pp 21-25.

Vol CCCIV, No 1

NIH 10-9

Scientific - Chemistry
Nov 56 CTS

40, 292

Efficiency of a Paper Chromatographic Method
in Clinical Habit Forming Drug Detection With
the Aid of 1000 Investigations. III, by U. Lenz,
H. Jatzkewitz, 12 pp.

GERMAN, no per; Hoppe Seyler's Ztschr. f. Physiol.
Chem, Vol CCCV, 1956, pp 53-60.

NIR Tr No 12-10

Sci - Chemistry
Feb 1957 CIS/dex

435-86

I. Report: Amino Acid Sequences of Collagen. On
the Binding Method of Prolins and Hydroxyproline,
by Wolfgang Grassmann, Kurt Hannig, Horst Engdres,
Alfred Riedel, 18 pp.

GERMAN, per, Hoppe-Seyler's Zeitschrift für Physiolog
Chemie, Vol CCCVI, 1956, pp 123-131.

NIH 9-27

Sci - Med
Sep 59

97,405

Paperchromatographic Separation of the Racemic
Aminoacids Histidine and Tryptophane, by V.
Klingmuller, L. Maier-Sihle, 3 pp.

GERMAN, per, Hoppe-Seylers, Z. Physiol Chem, Vol
CCCVIII, 1957, pp 49-50.

SLA 58-20

Sci

Jul 59

91,371

The Action of Periodica Acid on Procollagen, I
Absorption of Period Acid, Hexose, Hydroxylysine,
by H. Hormann, G. Fries, 9 pp.

GERMAN, per, Hoppe-Seyler's Z Physiol Chem,
Vol. CCCXI, 1958, pp 19-28.

WH 8 4-56-62

199,789

Sci - Med

Jun 62

Method for Chemical Determination of the
... ..
... ..
... ..

Glucose, Hoppe-Seyler's Z. fuer Physiolog
Mediz., Vol. XXXII, No. 1, 1958, pp 1-11.

Navy Tr 3047/RMS 699

SM - 100

Mar 62

183, 715

A New Method for Chemical Determination
of the Estrogen Hormones in Urine,
by Gerd Ittrich.

GERMAN, per, Hoppe Seyler Z Physiol
Chem, Vol 312, 1958, pp 1-14.
NIH 3-7-65

Sci-Biol & Med
May 65

278,740

60-17504

Stegemann, Hermann
MICRO-DETERMINATION OF AMIDE NITROGEN,
PARTICULARLY IN PROTEINS (Mikrobestimmung
von Amid-Stickstoff) tr. by E. Pichler. [1960] [13]p.
(foreign text included) 17 refs. Trans. no. 4662.
Order from OTS or SLA \$1.60 60-17504

- I. Stegemann, H.
- II. CSIRO Trans-4662
- III. Commonwealth Scientific
and Industrial Research
Organization (Australia)

Trans. of Hoppe Seyler's Zeitschrift für Physiolo-
gische Chemie (West Germany) 1958, v. 312,
no. 4/6, p. 255-263.

DESCRIPTORS: *Proteins, *Amides, *Nitrogen com-
pounds, Microanalysis.

For the determination of the amide-nitrogen of
amino-acids, peptides and proteins, alkaline hydrolysis
at about 20° is combined with diffusion of the ammonia
formed into sulfuric acid. Hydrolysis and NH₃-deter-
mination are carried out in one flask. The reaction is
complete within 24 hours. It has been shown that only
(Biological Sciences--Biochemistry, TT, v. 8, no. 3)
(over)

5-16-62

Office of Technical Services

N-Metabolism in the Erythrocyte Maturation,
the N Balance under Endogenous Conditions,
by H. G. Sweiger, et al.
GERMAN, per, Hoppe Seyler Z Physiol Chem,
Vol CCCXIII, 1958, pp 97-108.
HEW NIH No 4-9-66

Sci - B/M
May 66

301,347

On the Composition of the Fatty Acid Mixture of
Various Fish Oils, by E. Klenk, D. Eberhagen.
GERMAN, per, Hoppe-Seylers Zeitschrift fuer
Physiologische Chemie, Vol CCCXXVIII, No 3-6, 1958
pp 180-192.

Fisheries Res Board
Canada, Halifax N. S.
(loan)

Sci - Biol
Mar 64

252,863

Purification and Specificity of OMP Decarboxylase,
by E. Werle, D. Auer, 5 pp.

Abstract, part, Hoppel-Seydewitz E. Physiol Chem, Vol 351, VI,
1959, pp 45-60.

NIH 12-5

Sci - Chemistry
Jan 60

105,297

The Amino Acid Sequence of Collagen. II., by L.
Grassman, et al.
GERMAN, Ger, Hoppe Seyler Z Physiol Chem, Vol 323,
1969, pp 71-95.
NHL 100 7-4-67

Sci - 2501
Aug. 67

332,108

The Quantitative Enzymatic Dehydrogenation of L(+)-Lactate for Microanalysis, by G. Gercken.
GERMAN, per, Hoppe-Seyler's Zeitschrift fuer Physiologische Chemie, Vol 320, 1960, pp 180-186
NTC 72-11683-06a

June 72

Investigations on the Metabolism of Polyenoic
Fatty Acids in the Rat, by E. Klenk,
H. Mohrhauer.
GERMAN, per, Hoppe Seyler's Z fuer Physiologische
Chemie, Vol CCCXX, 1960, pp 218-231.
*Fisheries Res Bd of Canada

Sci
Jul 64

Thin-Layer Chromatography of the Cerebral Lipids,
Their Conversion and Breakdown Products, by
Horst Jatskewitz, Ehrenfried Mahl, 7 pp.

GERMAN, per, Hoppe-Seyler's Z. Physiol Chem, Vol CCCXX,
1960, pp 251-257.

25110/700 7780

NIR 1-24-63

Sci - Biol-Med Sci

May 63

232, 254

Van Buren, J. P., Moyer, J. C. and others.
CHANGES IN PECTIC SUBSTANCES IN THE PRO-
CESSING OF GREEN BEANS. [1963] 8p. 12 refs.
Available on loan from SLA 63-16483

Trans. of [Hoppe-Seyler's] Zeitschrift für Physiol. [o-
gische] Chemie (West Germany) 1960, v. 321,
p. 107-113.

DESCRIPTORS: *Pectins, Processing, Food,
*Vegetables, *Preservation, Chemical analysis.

Green beans blanched at temperatures between 65, 5 and
87°C had a greater proportion of their pectic substances
as pectic acid than beans receiving either no blanch
or blanches at 88°C or higher. This was found whether
the beans were examined after blanching or after cooking
at 115, 5°C. The extent of the transformation of water
soluble pectin to pectic acid was increased with longer
(Food, TT, v. 10, no. 3) (over)

63-16483

I. Title: Beans
I. Van Buren, J. P.
II. Moyer, J. C.

Office of Technical Services

Enzymatic Determination of Hyaluronic Acid
by H. Greiling.

GERMAN, per, Hoops-Syfers Z. fuer Physiolog-
ische Chemie, 1960, pp 318-319, 166-166.

Univ of Melbourne
T.320

Sci - Chem
Jul 62

207,595

The Mechanism of the Zimmermann Reaction,
(1935-1960). Preparation of 16 (ac1-2,4-
Dinitro Phenyl]-Androsterone, by O.
Neunhoeffer, K. Thewalt, W. Zimmermann,
5 pp.

GERMAN, per, Hoppe-Seyler's Z. fuer
Physiol Chem, Vol CCCXXIII, 1961,
pp 116-120.

NIR 2-25-62

191,463

Sci - Med
Apr 62

The Mechanism of Gluconeogenesis After Oral
Administration of Cortisol, by H. J. Huebener, 12 pp.

GERMAN, per, Hoppe-Seyler's Z Physiol Chem, Vol. ~~XXXIX~~
CCXXXII, 1960, pp 135-141.

AEC Tr-5090

Sci - Med, Chem
Jul 62

204,702

Tyrosine Metabolism of Insects. IV. The Phenol
Oxidase System of Calliphora and How It Is Affected
by the Hormone Ecdysone, by P. Carlson,
A. Schweiger.

GERMAN, per, Hoppe-Seylers Z. Physiol Chem,
Vol CCCXXIII, 1961, pp 199-210.

NIH 6-44-63

Sci - Chem

Aug 63

343,525

Eberwein, H., Gries [F. A.] and Decker [Karl].
DECOMPOSITION OF NICOTINE BY BACTERIA EN-
ZYMES. II. ISOLATION AND CHARACTERIZATION
OF A NICOTINE-DECOMPOSING SOIL BACTERIA.
[1962] 17p.
Order from: K-H 521.25 K-H 11687

Trans. of Hoppe-Seyler's Zeitschrift für Physiolo-
gische Chemie [West Germany] 1961, v. 323,
p. 236-248.

DESCRIPTORS: *Nicotine, Decomposition, *Bacteria,
*Enzymes.

(Biological Sciences--Biochemistry, TT, v. 9, no. 1)

62-34419
(63-16789)

- I. Eberwein, H.
- II. Gries, F. A.
- III. Decker, K.
- IV. Title: Isolation ...
- V. K-H-11687
- VI. Kresge-Booker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

Decker, Karl, Gries, F. A., and Bruhmüller,
Margaret.
DECOMPOSITION OF NICOTINE BY BACTERIA
ENZYMES. III. METABOLISM STUDIES ON CELL-
FREE EXTRACTS. [1962] 25p.
Order from K-H \$31.25 K-H 11547-b

Trans. of Hoppe-Seyler's Z[eitschrift für] Phys[iolo-
gische] Chem[ie] (West Germany) 1961, v. 323,
p. 249-263.

DESCRIPTORS: *Decomposition, *Nicotine, *Bacteria,
Enzymes, Metabolism, Bacterial extracts.

(Biological Sciences--Biochemistry, TT, v. 8, no. 5)

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