

Investigation Into the Preparation by Electrical
Means of Homodisperse Aerosols of High Dispersi-
bility, by F. Slesbos, J. de Hij, J. Blok.

DUTCH, per, Microbiol Lab, Ref 1956/3.

T.I.L. Tr 4779

Sci - Physics
Jun 57

48,847

Comparative Investigations on the Diagnostic Value
of Complement Fixation and of Intra-immunoreactions
in Ornithosis, by D. Saruteanu, E. Nastas, B. Fuhrer,
6 pp. UNCL

HUMANIAN, per, Microbiologica Parasitologia
Epidemiologia, May-June 1960, pp 253-258.

ACSI E-8811-A
ID 2163809

151,353

Sci - Med
May 61

**Epidemic Streptococcal Angina of Alimentary Origin
in an Adult Community, by I. Birsa, C. Al. Zaharia,
Irina Martian, 6 pp. USCL**

**RUMANIAN, per, Microbiologia Parasitologia
Epidemiologia, May-June 1950, pp 261-266.**

**ACSI K-5011-3
ID 2163969**

Sci - Med
May 61

151,354

SF- 4673
17 May 67

Inter-regional conference on the Etiology and
Epidemiology of Malaria by S. Rajal, et al, Soc

Microbiologia, Parasitologia, Epidemiologia,
Vol. 12, No. 1, Moscow, 1966
Russian

Special type "SF": Registrar's draft plus one

pp- do not mutilate,

JPRS Special CSO: SF-4673

Viroid Etiology of Human Leukemias in the Light
of Recent Research, by Elisabeta Nastac, 26 pp.
RUMANIAN, per, Microbiologia, Parazitologia,
Epidemiologia, No 4, 1964, pp. 279-291.
JPRS 40157

EE-Rumania
Sci-B&H
Mar 67

319,536

Why Are Soviet Troops Staying in Hungary, by
Istvan Otta, 30 pp.

HUNGARIAN, pamphlet, Miert Tartszkodnak Szovjet
Kesapatak Magyarorszagon, Budapest, 1958, pp
5--28, 31-38, 44-56, 62, 63.

ACSI, H-1257

KEur - Hungary
USSR

Pol

Jul 58

67,133

School of Men, The Defense Forces 1961, 2 pp.
FINNISH, ~~pp~~^{pp}, Miesten Koulu Puolustusvoimat,
Incl to R-201-61, pp 32, 44, 47, 7 Sep 1961.

ACSI I-0687
ID 2180755

WEur - Finland

Mil

12 Feb 62

A School for Men 1964, 24 pp.
FINNISH, rpt, Miesten Koulu 1964, 1964, 81 pp.
ACBI I-3408-A
ID 2204051164

WEur - Finland
MI
Nov 64

269,169

Feigl, F. and Rajmann, E.
CONCERNING THE DETECTION OF FLUORINE
WITH THE AID OF SPOT REACTIONS (Über den
Nachweis von Fluor mit Hilfe von Tropfreaktionen).
[1963] [7p] (foreign text included) 9refs
Order from SLA \$1.10 63-20492

Trans. of Mikrochemie (Austria) 1932, v. 12,
p. 133-136.

DESCRIPTORS: *Fluorine, *Colorimetric analysis,
*Zirconium compounds, Chemical indicators.

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

63-20492

I. Feigl, F.
II. Rajmann, E.

Office of Technical Services

Micro-Mass-Analysis Using Diphenylcarbasid and
Diphenylcarbazon as Indicator. UNCLASSIFIED

GERMAN, per, Mikrochemie, Vol XII, pp 315-320.

Navy Tr 980/BuShips 550

Scientific - Chemistry

11,937

CTS/DEX

J-156/66

On the Use of Rhodinic Acid as an Indicator
for the Volumetric Determination of Barium,
by A. Friedrich, S. Rapoport.
GERMAN, per, Mikrochemie, Vol VIII, No 1,
1933, pp 41-48.

J-156/66

Sci

~~Sci~~

Aug 6

Completed

On Some Reactions Common to Germanium Dioxide
and Boric Acid, by H. S. Polackoff, 2 pp.

GERMAN, par, Mikrochem, Vol XVIII, 1935,
pp 48 - 49.

NIH 4-10-62

199,814

Sci - Med

Jun 62

A Direct Quantitative Determination of
Small Quantities of Arsenic in the Presence
of Mercury, by J. Gangl and H. Dietrich,
12 pp.

GERMAN, per, Mikrochemie, Vol XIII, No 2,
3, new ~~pp~~ series, 1935, pp 253-261.

SLA 57-3234

Sci

Aug 58

72,071

The Quantitative Microanalysis of Mixtures of Fumaric
and Maleic Acids, by Giovanni and Rao ~~Gerardo~~,
Shiva Ignazio, 7 pp. 5

GERMAN, per, Mikrochem, Vol XXIII, 1937, pp 9-16.

SIA 59-10692

Sci - Chem
Sep 59
Vol 2, No 1

97,251

The Determination of Small Amounts of Heavy Metals
in Water, by E. Abrahamczik, 6 pp.

~~GERMAN~~
German, per, Mikrochemie, Vol XIV, 1938, pp 228-233.

S.L.A. Tr 1/1956
AEC Tr 56

Scientific - Chemistry 33,931
~~Nuclear Physics~~

Modification of the Reaction of Pauly in
Connection with Microcolorimetric (Photometric)
Determination of Imidazole Bodies (Histamine),
by A. Mincig, R. Schontal, 7 p.

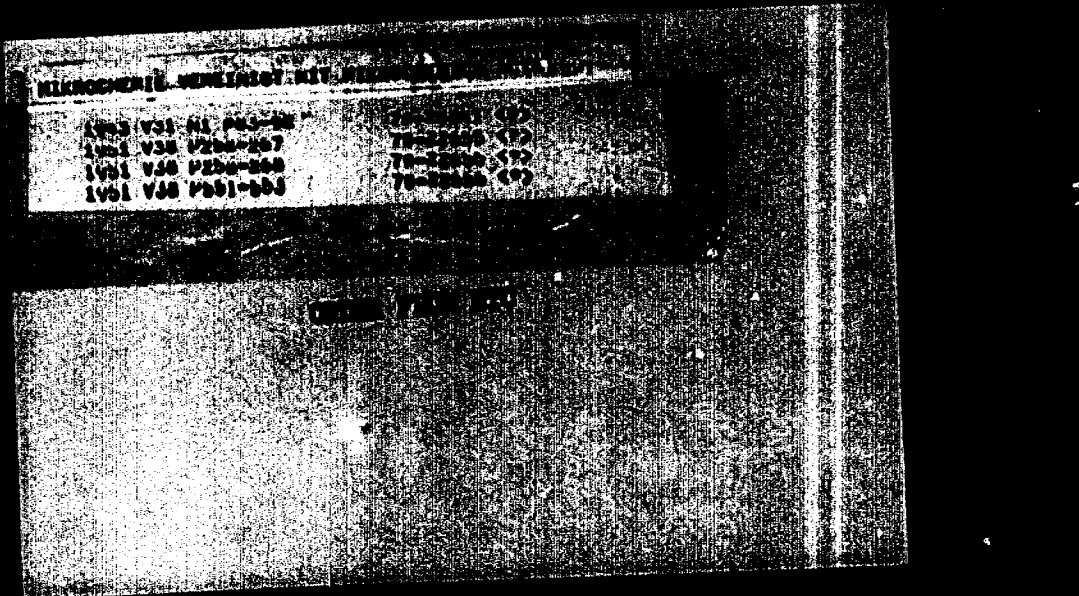
~~Abstract~~, per, Mikrochemie, 1938, Vol XXIV,
pp 243-250.

SLA 59-20672

Sci
Mar 60
Vol 3, No 1

110,855

<p>Wiesenberger, E. MICROCHEMICAL DETERMINATION OF ACETYL GROUPS IN ORGANIC COMPOUNDS. 25 Nov 59 [31]p. 15 refs. Order from SLA \$3.60</p> <p>Trans. of <u>Mikrochemie</u> (Austria) 1942, v. 30 [no. 3] p. 241-254.</p> <p>DESCRIPTORS: *Acetyl radicals, Determination, Organic compounds, *Microanalysis.</p> <p>(Chemistry--Analytical, TT, v. 6, no. 6)</p>	<p>61-16793</p> <p>L. Wiesenberger, E.</p> <p>176583</p> <p>Office of Technical Services</p>
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Critical Temperature of ~~XXXX~~ Solution for Characteri-
zation and Determination of Small Amounts of Liquid,
NY 10 pp.

GERMAN, per, Mikrochem, Vol XXXIV, 1948-1949, p 319.

SLA Tr 3036

Eci - Chemistry
Feb 58

59,524

A New Rapid Method for the Decomposition of Micro,
Semimicro and Macro Samples Using Alkali Peroxide
a Universal Bomb, by B. Wurzschnitt, 11 pp.

GERMAN, per, Mikrochemie, Vol XXXVI/XXXVII, No 2,
1951, pp 769-780.

SLA 59-10073

Sci - Chem
Sep 59
Vol 2, No 1

97,253

Kofler, Walter, Kofler, Adelheid, and Kofler,
Ludwig.

A MICRO-COLD STAGE AND ITS APPLICATION.

[1961] 26p. (3 figs. omitted) 53 refs.

Order from SLA \$2.60

62-10449

Trans. of Mikrochemie (Austria) [1952] v. 38, no. 3,
p. 218-231.

DESCRIPTORS: *Microscopes, Design, *Micro-
chemistry, Low temperature research, Instrumen-
tation, Coolants, Cooling.

On the basis of experience with the micro-hot stage,
a micro-cold stage was constructed which is simple in
operation and ready for use at all times. The cooling
is obtained by vaporization of liquid carbon dioxide.
An electrical heater installed next to this device makes
it possible also to pass through the region of room
(Chemistry--Analytical, TT, v. 7, no. 8) (over)

62-10449

I. Kofler, W.
II. Kofler, A.
III. Kofler, L.

201349

Office of Technical Services

V
Microtitrations with Ethylene-diaminetetraacetic
XXXX Acid: 1, by H. Flaschka.

GERMAN, per, Mikrochemie, Vol XXXIX, 1952,
pp 38-50.

RAE Farnborough 549

Sci - Chemistry

31,026

Microtitrations with Ethylene-diaminetetraacetic
Acid: 2. Determination of Small Amounts of
Phosphate, by H. Flaschka, A. Holasek.

GERMAN, per, Mikrochemie, Vol XXXIX, 1952,
pp 101-104.

RAE Farnborough 550

Sci - Chemistry

31,027

Microtitration With Ethylenediaminetetraacetic Acid.
III. The Direct Titration of Lead, by H. Flaschka,
7 pp.

GERMAN, per, Mikrochem, Vol XXXIX, 1952, pp 315-318.

SLA Tr 57-1284

Sci - Chemistry
Feb 58

59,519

Microtitrations With Ethylene Diamine Tetra-Acetic
Acid: Pt-5, by E. Flaschka. UNCLASSIFIED

GERMAN, per, Mikrochemie, Vol XL, 1953, pp 21-26.

RAE Tr 730

Sci - Chem
Sep 58

71,912

The Selective Determination of Nitrogen in Various
Forms by the Micro-Kjeldahl Method: Pt.3, by
M. Marsadro. UNCLASSIFIED

CHESAN, per, Mikrochemie, Vol XL, 1953, pp 359-366.

BAE Tr 731

Sci - Chem
Sep 58

71,913

Biochemistry of Scandium and Its Precipitation
as the Phytate, by G. Beck, 4 pp.

GERMAN, per, Mikrochemie ver Mikrochim, Acta,
Vol XXXIV, 1948, pp 62-66.

AEC Tr 2396

Sci - Chemistry

32,475

Determination of Scandium With Quinalizarin and
the Similarity of Scandium Pyrophosphate to
Scandium Phytate, by G. Beck, 7 pp.

GERMAN, per, Mikrochem ver Mikrochim Acta, Vol XXXIV,
1949, pp 282-285.

ABC 3341

Sci - Chem

Dec 58

77,443

(2) Selective Oxygen Determination in Small Gas
Volumes, by Karl Kordesch, Adolf Marko. UNCLASSIFIED

GERMAN, per, Mikrochemie und Mikrochimica Acta,
Vol XXXVI, XXXVII, 1951, pp 420-424.

Navy Tr 981/BoShips 551

Scientific - Chemistry

Jun 54 CTS

14,518

Practical and theoretical Problems in the Microtenting
of Hardness, by E. D. Bergmann.

GERMAN, per, Mikrochemie ver Mikrochim Acta, XXI
No 36-37, 1951, pp 831-840.

U.R.

Nova Scotia No 208

Scientific - Physics

Aug 53 CTS

4799

Quartz Micro-Balance for the Determination
of Magnetic Susceptibilities, by F. Elaha.

GERMAN, per, Mikrochemie Vereinigt Mit Mikro-
chimica Acta, Vol XXXIX, No 4, 1952,
pp 339-354.

CSIRO

Sci - Min/Met
May 62

196,740

The Micro-Estimation of Traces of Sodium,
Potassium and Calcium in Tungsten Metal and
Tungstic Oxide With the Flame Photometer, by
A. J. Hegadus, J. Neugebauer, M. Drorsky.

GERMAN, per, Mikrochimica Acta, No 2, 1929,
pp 202-203.

Dept of Interior
TN7, E57, No 295

112,821

Not - Given
Jan 60

Microdetermination of Glycerol in Fat and
Phosphatides, by Gunnar Blis, 7 p.

~~Blis, G.~~, per, Mikrochimica Acta, 1937, Vol I,
No 1, pp 75-77.

BLA 59-20618

Sci
Mar 60
Vol 3, No 1

110,852

Precipitation and Determination of Beryllium in the
Oxide State, by Therese Dupuis, 13 pp.

GERMAN, per, Mikrochimica Acta, Vol. XXIV, 1950,
pp 477-487. 9209175

AEC-UCEL-916(L)

Sci - Chem

Jul 63

236,181

63-10627

Gautier, J. A. and Pignard, P.
A BOROTARTRATE COMPLEX AND ITS APPLICATION TO THE MICROCHEMICAL DETERMINATION OF THE BORIC ION. 17 Feb 58, 8p. (figs. omitted)
7 refs.
Available on loan from SLA

63-10627

Trans. of Mikrokhemica Acta (Austria) 1951, v. 36/37, p. 793-803.

DESCRIPTORS: *Boron, Determination, Microanalysis, Volumetric analysis, Boron compounds, *Tartrates, *Complex compounds, Barium compounds, Chromates.

In the presence of tartaric acid, borate reacts with barium to produce a precipitate of constant composition and very low water-solubility. The analysis of this presumably complex barium borotartrate yields to empirical formula $Ba_5B_2C_{12}H_8O_{24} \cdot 4H_2O$. The
(Chemistry-Analytical, TT, v. 9, no. 7) (over)

I. Gautier, J. A.
II. Pignard, P.

Office of Technical Services

L'Utilisation De L'Auxine Pour le Microdosage
Qualitatif du Tungstene dans les Minerals, by
A. de Sousa, 4 p.

GERMAN
~~Author~~, per, Mikrochim Acta, 1953, Vol XL,
No 1, pp 104-105.

CEA-tr-A523

Sci
Feb 60

108,225

Vol 2, No 12

Microtitrations with Ethylenediamine Tetraacetic
Acid. X, Direct Titration of Manganese in Pure
Solutions and in the Presence of Other Metals, by
H. Flaschka and A. M. Amin.

GERMAN, per; Mikrochem, Acta, Vol IV, 1953, PP
414-420.

SLA 57-2912

Sci

AUG 58

71,135

Photometric Determination of Zinc by
Means of Indo-Oxide, by O. Svoboda,
W. Frodinger.

GERMAN, per, Mikrochimica Acta,
No 1, 1954, pp 122-126.

CSIRO

Sci - Phys
Jan 62

199,656

The Procedure for Separations in a Drop, by
E. Weisz, 8 pp.

GERMAN, per, Mikrochim Acta, Vol I, 1954,
pp 140-147.

9/A 3016
SLA Tr 57-670

Sci - Physics
Sep 57

52,996

Microdetermination of Primary Amino Groups in
Aliphatic and Aromatic Compounds, in Amino Acids
and Peptides, as Well As in the Amides of Carb-
oxylic Acids and Sulfonic Acids, by Gerald Ekins
27 pp.

CHESAN, per, Mikrochimica Acta, Vol IV, 1954,
pp 349-365.

B. L. A. Tr 615/56
58,326

B01 - Chemistry

Aug 56 OF /dax

**The Determination of Extremely Low Carbon Contents
in Steels, by L. Wettarnik.
GERMAN, per; Microchimica Acta, No 5, 1954,
pp 509-521.
BSI 3444**

**Sci - M/M
Jun 1964**

260,261

A Separation Process in One Drop. A Contribution to the
Annular Oven Method and Spot Testing, by H. Weiss, 10 pp.

GERMAN, per, Mikrochim Acta, Vol CCCXLIV, 1954,
pp 376-387.

SLA Tr 3020

Sci - Chemistry
Feb 58

60,818
7,537

Microtitrations with Ethylenediaminetetra-
acetic Acid Part XII - Determination of Gallium,
by H. Flaschka and H. Abline, 20 pp.
GERMAN, per, Mikrochim. Acta, Vol 6, 1954,
pp 657-667. P911042968
AEC UCRL-TRANS-10161

Sci-Chemistry
Mar 68

350,665

Application of the Ring Furnace in Spot Colorimetry,
by Herbert Weiss, 12 pp.

GERMAN, per, Mikrochim Acta, 1954, pp 785-794.

AEC Tr 3270

Sci - Chem,

Sep 58

73, 754

ICEA-tr-A-713 (Rpt: UNCLASSIFIED)
MICRODOSAGE PAR TITRAGE PAR L'ACIDE
ÉTHYLÈNE-DIAMINE-TÉTRA-ACÉTIQUE.
IXIV. DOSAGE DES TERRES RARES. (Micro-
determination by Titration with Ethylene-
diaminetetracetic Acid XIV. Determination
of Rare Earths). H. Flaschka. Translated into
French from Mikrochim. Acta 1, 55-60(1955).
112p. 12/6/60. Nonproject.

NSA

C

Wacsek, A. v. and Zetaler, F.
DETERMINATION OF TRACES OF ALCOHOL IN
VERY DILUTE AQUEOUS SOLUTIONS. [1963] 9p.
4 refs.

Order from SLA \$1.10

62-20125

Trans. of Mikrochim[ica] Acta (Austria) 1955, no. 1,
p. 29-36.

DESCRIPTORS: Determination, *Alcohols, Water,
Solutions, *Microanalysis, Test equipment, Ethanol,
Methanol.

(Chemistry--Analytical, TT, v. 9, no. 12)

62-20125

I. Wacsek, A. v.
II. Zetaler, F.

TT-64-16133

Office of Technical Services

A Rapid Microanalytical Determination of Halogens
in Organic Substances, by W. Schoniger, 7 pp.

GERMAN, par, Mikrochim, Acta, Vol I, 1955, pp 123-
129.

63-14105
ELA Tr 2849

Sci - Chemistry
Feb 58

59,522

Advances in the Spectrochemical Analysis of
the Non-Metals With Powerful Low Voltage
Sparks, by K. Pfeilsticker.
GERMAN, per, Microchimica Acta, 1955,
p 358-375
AEC IS-Tr-15

Sci-M/M
Apr 65

278,745

Recent Advances in the Study of the Far UV, by
B. Vodar, J. Romand, 26 pp.

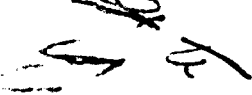
GERMAN, par, Mikrochim Acta, 1955, pp 429-445.

S.L.A. Tr 605/1956

Sci - Chemistry

Oct 56 CTS

39,909



The Use of Substituted Dithiocarbamates in
Micro-Analysis, III, by H. Malissa,
E. Schoffmann.

GERMAN, per, Mikrochimica Acta, Vol I,
1955, pp 187-202.

CSIRO 5626

Sci
Dec 62

Results of Intensity Determinations With the S.P.D.
Scale, With a Short Note on Scale Lines a Blackening
Profile Similar to Spectrum Lines, by J. A. Dikhoff,
N. W. Addink, 15 pp.

GERMAN, per, Mikrochimica Acta, Part 2-3, 1955,
pp 257-264.

SLA Tr 1121

Sci - Physics

52,382

Sep 57

Determination of Methylamide, by F. Franzen,
H. Pauli.

GERMAN, per, Mikrochim Acta, No 5, 1955,
pp 845-849.

T.I.L. T. 4587

Sci - Chemistry

35,738

Jun 1956

Precipitation of Metals With Aminophenyl-Arsenic
Acids, by R. Pietsch, 9 pp.

GERMAN, per, Mikrochemica Acta, No 5/6, 1955,
pp 954-961.

A.E.R.E. Harwell Lib Tr 742

Chemistry
Sci - ~~Manufacture~~
March 57 CTS/dex

44,351

Precipitation of Metals With Nitro Phenyl Arsonic
Acids, by R. Pietsch, 8 pp.

GERMAN, per, Mikrochemica Acta, No 5/6, 1955,
pp 1019-1025.

A.E.R.E. Harwell Lib Tr 743

Sci - ~~Minerals~~ /
March 56 CTS/dex

44, 349

**A New Microchemical Complex and Its Application
to the Study of Cu⁺⁺, by Juan Carlos Baro Graf,
4 pp.**

**GERMAN, per, Mikrochim Acta, Nos 1 to 3, 1956,
pp 263-267.**

ABO Tr-2517

38,382

**EE
Sci - Chemistry**

The Application of Mass Spectroscopy in Analytical
Chemistry, by H. H. Hinterberger, 17 pp.

GERMAN, per, Mikrochimica Acta, No 1-6, 1956,
pp 71-90. 9097695

A.C.S.I.L. No 1239

Sci

Mar 62

188, 049

The Use of Fluorescence to Detect Petroleum Products
in Natural Waters, by Berthar Nietsch, 9 pp.

GERMAN, per, Mikrochimica Acta, No 1-6, 1956,
pp 171-178. 9668689

ETU TT-63 27137

Amer Meteorol Soc T-G-187

Sci - M/H
May 63

231,947

Contribution to Micro Methods in Iron and Steel
Research, by Malissa.

GERMAN, per, Mikroschim Acta, No 1-6, 1956, pp 474-483

Co-op Tr Serv Tr 716
(1 - 1 1/2)

Sci - Min/net
Nov 57

55, 866

The Ring Furnace Method, by Herbert Weiss, 15 pp.

GERMAN, per, Mikrochim Acta, 1956, pp 667-681.

AEC Tr 3206

Sci - Chem

May 58

64,815

Crystallised ~~XXXXXX~~ Anhydroidic Acid as
an Oxidant in Direct Micro Oxygen Determina-
tion on Organic Substances, by J. Unter-
zaucher.

GERMAN, par, Mikrochimica Acta, X No 4/6,
1956, pp 822-832.

CHIRO

Sci - Chem

188,009,

Mar 62

Some Ultramicro Methods of Quantitative
Organic Elementary Analysis, by W. J.
Kirsten.

GERMAN, per, Mikrochimica Acta,
1956, pp 836-842.

CSIRO

Sci - Chem
Jun 62

201,129

The Microanalytical Rapid Determination of Halogens
and Sulfur in Organic Compounds, by W. Schoeniger,
13 pp.

GERMAN, per, Mikrochim Acta, No 4/6, 1956,
pp 869-876.

SA 61-13465

SLA 59-10719

Sci - Chem

Sci - Chem
Sep 59
Vol 2, No 2

SA 61-13465

K-H-12104

97,968

New Methods in Gas Analysis II. Titrimetric
Determination of Gas Mixtures, by E. Schulek, E.
Pungor, 11 pp.

GERMAN, per, Mikrochim Acta, No 7, 1956, pp 1120-35

SLA 59-10584

Sci - Chem
Sep 59
Vol 2, No 2

97,969

On the Role of the Flame Temperature in Flame
Photometric Analysis of the Alkali Metals, by
E. Pungor, A. J. Hegedus, I. Konkoly Thege,
E. E. Zapp, 16 pp.

GERMAN, per, Mikrochim Acta, Vol VII-VIII, 1956,
pp 1247-1263.

SLA 57-2579
AEC Tr 2999 52,452

Sci - Min/met; physics
Sep 57

The Determination of Very Small Amounts of
Uranium in Rocks and Natural Waters, by F. Hecht,
J. Kerkisch, R. Patsak, A. Thierd, 40 pp.

GERMAN, per, Mikrochim Acta, 1956, pp 1283-
1306.

NIK 3-27

Sci - Geophys

Apr 59

85,434

Some Recent Progress on the Microdetermination
of Elements in Organic Substances, by W.
Schoniger.

GERMAN, per, Mikrochim Acta, No 10, 1956,
pp 1456-1473.

SIA 57-1170
RAE Farnborough Tr 623

Sci - Physics
Aug 57

51,191

Ultramicro-Method for Directly Determining
Copper Chromatographed on Paper, by A. ~~REH~~
Lacourt, F. Heyndryckx.

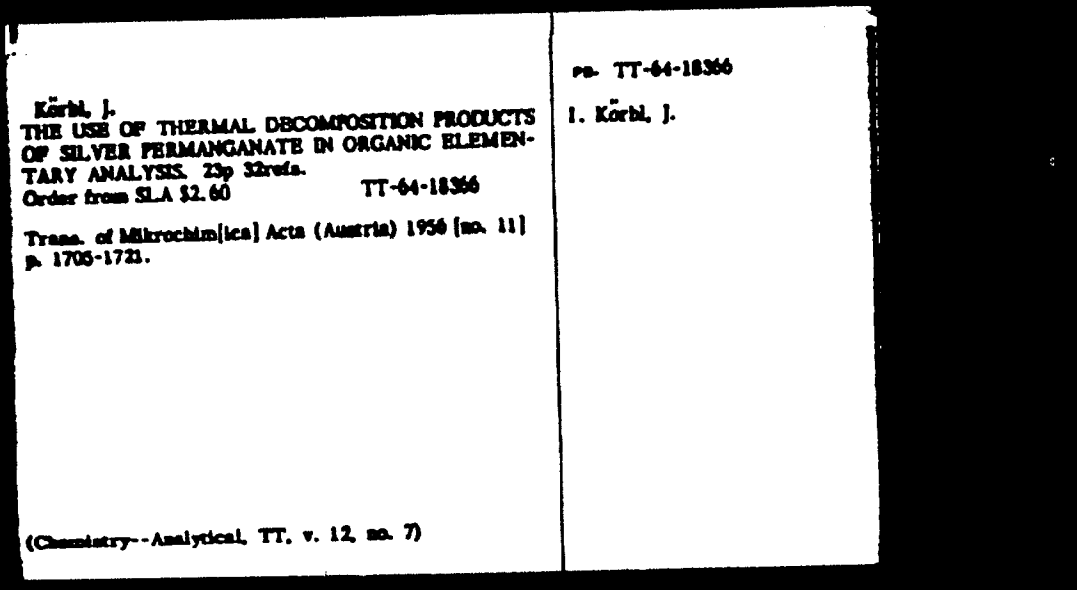
GERMAN, per, Mikrochimica Acta, Vol XI,
1956, pp 1621-1628.

CSIRO 33612

Sci - Phys

192,095

Apr 62



Bobranski, B.
NEW AUTOMATIC EQUIPMENT FOR THE CENTRI-
GRAM DETERMINATION OF CARBON AND HYDRO-
GEN IN ORGANIC SUBSTANCES. [1962] 13p.
Order from K-H \$16. 25 K-H 6048a

Trans. of Microchim[ica] Acta (Austria) 1956, no. 11,
p. 1735-1746.

DESCRIPTORS: Automation, Chemical analysis, Micro-
analysis, *Carbon, *Hydrogen, *Organic materials,
*Laboratory equipment

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

63-12964

- I. Bobranski, B.
- II. K-H-6048-a
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

New Automatic Equipment for the Centigram
Determination of Carbon and Hydrogen in
Organic Substances, by Boguslaw Bobranski.

GERMAN, per, Mikrochimica Acta No 12,
1956, pp 1735-1746.

Koix

SLA TR 64-20200

Sci
Apr 67

322,243

Mazor, Ladislav.
DIRECT DETERMINATION OF OXYGEN IN FLUORINE-CONTAINING ORGANIC COMPOUNDS. [1962]
[5]p. 6 ref.
Order from SLA \$1.10 62-20074

Trans. of Mikrochimica Acta (Austria) 1956, no. 12,
p. 1757-1761.

DESCRIPTORS: Determination, *Oxygen, *Fluorides,
*Organic compounds, Magnesium compounds, Quartz,
Pyrolysis, Refractory materials.

The determination of oxygen in organic compounds containing fluorine cannot be carried out by the usual procedure because the hydrogen fluoride resulting from the thermal decomposition of the sample reacts with the quartz, whose oxygen leads to the formation of carbon monoxide with the result that the values (Chemistry--Analytical, TT, v. 9, no. 10) (over)

62-20074

I. Mazor, L.

Office of Technical Services

The Determination by Flame Photometry of
Small Amounts of Barium in Materials Containing
Barium Sulphate, by E. Pungor, E. E.
Zapp, 7 pp.

CERNAN, por, Microchim Acta, No 2, 1957, pp 150-
158. CIA 9009548

ACSIL Tr 1009

(6/1/57) 54,909

Sci - Physics
Nov 57

Iodometric Micro and Ultramicro Determination
Of Carbon and Hydrogen. The Determination Of
The Ratio C:H Without Weighing by Josef.
Untersaucher.

GERMAN, per, Mikrochimica Acta, No 3-4, 1957,
pp 448-468.

CSIRO

Oct. 62

Gamsjäger, H., Orntg, H., and
Schwarz-Bergkamp, E.
LITHIUM CONTENT IN AUSTRIAN SALINE MOTHER
LIQUORS. [1963] 5p. (figs. omitted) 13 refs.
Order from SLA \$1.10 63-14102

Trans. of Mikrochimica Acta (Austria) 1957 [no. 3/4]
p. 607-612.

DESCRIPTORS: *Lithium, *Salts, *Test methods,
Spectrophotometers, Chemical analysis.

The lithium content of brine mother liquors may be determined by the flame photometer after the sodium chloride has been removed with hydrogen chloride gas. A simplified calibrating process is used, based on the addition of known amounts of lithium corresponding to an internal standard procedure. The usability of these methods is demonstrated by the results of the investigation of Austrian saltworks mother liquors. (Author) (*Chemistry--Analytical*, TT, v. 10, no. 8)

63-14102

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DESCRIPTORS: Organic compounds, *Catalysts, *Com-
bustion, Oxidation, *Acetic acids Decomposition,
*Silver compounds, *Permanganates; Quantitative analy-
sis, Carbon, Hydrogen

The oxidative catalytic effectiveness under standard con-
ditions was tested for 28 catalysts that are already used
as combustion catalysts in elemental analysis or that
appear suitable for this purpose. As test compound we
used acetic acid, which was mixed in constant quantity
(Chemistry--Analytical, TT, v. 9, no. 11) (over)

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