

SYKALO, I.J.

New boring head. Mashinostroitel' no. 4:27 Ap'64 (MIRA 17:7)

ZUBENKO, V.Kh., kand.sel'skokhozyaystvennykh nauk; SYKALO, N.G.

Fertilizers for corn planted on stubble. Zemledelie 24 no.6:
49-51 Je '62. (MIRA 15:11)

1. Kubanskiy sel'skokhozyaystvennyy institut.
(Kuban--Corn (Maize)--Fertilizers and manures)

SYKHANOVSKIY, A

PA 16/49T2

USSR/Aeronautics, Military
Aeronautics - History

Jul 48

"Bolsheviks of the Soviet Air Fleet," A. Sykhanov-
skiy, Guardist Maj Gen of Aviation, 8 $\frac{1}{2}$ pp

"Vest Vozdush Flota" No 7 (352)

Extolls part played by Communist Party,
especially Stalin, in development of Soviet
aviation.

16/49T2

SYKHANOVSKIY, S. I.

Alkaline activation of hydrolytic lignin. S. I. Sykhanovskii and M. I. Chudakov. *Zhur. Priklad. Khim.* 29, 410-16 (1956).—The max. soly. (I) of lignin heated with aq. NaOH soln. is a function of the temp. and the percentage of NaOH (lignin basis). I at 180, 190, and 200° was 88.6, 96.4, and 98.2% with 120, 60, and 60% NaOH. The corresponding values of "lignin acid" (II) (pptd. with dil. H₂SO₄) were 63.0, 74.0, and 64.4% (sol. lignin basis). Activation at lower temps., 90-100°, in a current of CO₂-free air for 50 hrs. failed to increase I above 50% (cf. Nikitin, *Gidroliz. Prom.* 3, 3(1954)). At 200°, 25-30% of the MeO groups were lost and the proportion of OH groups increased by 10.2%. The insol. portion contained 25.1% ash. The solns. thus obtained contained 8-9% lignin. To reduce the bulk the following methods of dry activation were tried: (a) the lignin was ground with NaOH in the wet, dried at 105°, and heated at 180° for 1-3 hrs. I of 47.6, 55.2, 62.1, and 72.6% were obtained with 25% NaOH in 3 hrs., with 30% NaOH in 2 hrs., and with 35 and 40% NaOH in 1 hr. The corresponding values of II (not the max.) were 34.2, 38.6, 38.6, and 28.5%; (b) the dried mixt. of lignin and NaOH as in a was heated 3 hrs. at 200° in petrolatum (m. 45-50°). I increased from 75.3 to 97.2% as the NaOH proportion increased from 40 to 100%. The corresponding values of II decreased from 66.0 to 45%.
I. Bencowitz

2

Matls

SYKHENKO, K.A.

16C-175. Spectrographic Analysis of Nickel Alloys. (In Russian.) K. A. Sykhenko and O. I. Mladentseva. Zashchitnye Laboratorii (Factory Laboratory), v. 15, Aug. 1949, p. 946-950.

Methods for analyzing Ni alloys for Cr, Ti, Fe, Al, Cu, Si, and Mn. Applicability of different light sources. Influence of supporting-electrode material, size of spark gap, self-inductive capacity, and time of heating the electrodes. Best pairs of spectral lines for analysis are indicated.

16C-175 METALLURGICAL LITERATURE CLASSIFICATION

Country : USSR

Category: Forestry. General Problems.

K

Abs Jour: RZhBiol., No 12, 1958, No 53447

Author : Sykhotin, V.P.

Inst : -

Title : The Forests of the Kolkhozes in Kaluzhskaya Oblast.

Orig Pub: Lesn. kh-vo, 1957, No 12, 27-28

Abstract: No abstract.

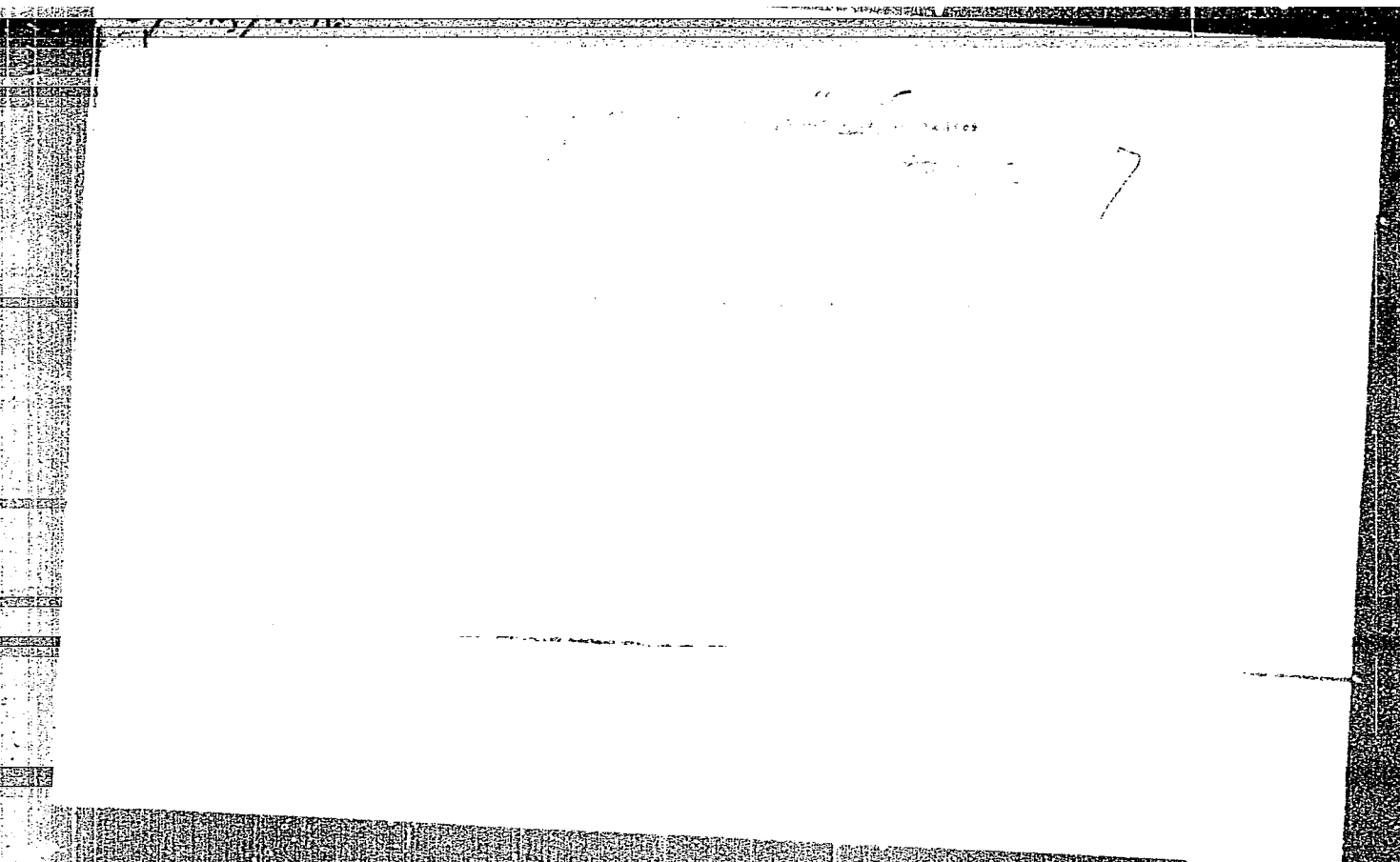
Card : 1/1

K-5

~~SECRET~~

DATE: 4543

interactions between ^{1. L-1. 51, 1437c.} studies of the



SYKNT, K.

ref 1

(5)

Journal of Applied Chemistry
April 1954
Industrial Inorganic Chemistry

Determination of lead in alloys of lead hydrogen phosphate.
W. Habicht, Cz. Dzięwalski, B. Frank, and K. Syknt (*Ann.
Univ. M. Curie-Skłodowska*, 1951, 6, 11, 177-184). Determination
of Pb as PbHPO₄, described in *ibid.*, 1950, 5, 11, 53-64, is success-
fully applied to analysis of Pb-Sn alloys (error < 0.30%), but is
not suitable for determination of Pb in alloys containing Sb (errors
up to 1.2%). S. K. Lachowicz.

SYKO, Miklos; BEREK, Antal

The new alkalichloride-electrolysis plant of the Budapest
Chemical Works. *Magy kem lap* 18 no.2/3:2-3 of cover ~~2-3~~ '63.

1. Budapesti Vegyimuvek. 2. "Magyar Kemikusok Lapja" szerkeszto
bozottsagi tagja (for Syko)

SYREL, V.P., i MAKSIMOV, V.I.

24963 Syrel, V.P. i Maksimov Nekotoryye Reshayushchiye Usloviya Vyrabotki
Vysokosortnykh Tzallyuloz. Bumazh Prom-St', 1949, No3, S 11-15

So: Letopis', No 33, 1949

CA SYKOL, B.P.

Influence of side relief on the quality of sulfite pulp. B. P. Sykol. *Bumask. Prom.* 25, No. 4, 6-8 (1951).—In the production of viscose-grade sulfite pulp with a viscosity of 700-1000 millipoises (mp.) in cuprammonium for the unbleached and 115-165 mp. for the bleached pulp, the unbleached pulp had a consistently high viscosity of 1300-1800 mp. Efforts to decrease this viscosity by changing a no. of cooking variables, including max. temp. (varied from 126 to 152°), time at max. temp., free SO₂ and CaO (varied from 1.1 to 0.35%), and shape of the cooking curve, were unsuccessful. Examin. of about 1500 cooks showed that, during certain periods, the pulp had the required viscosity, and it was concluded that the results were related to the quantity of side relief returned to the acid system. Expts. confirmed this; the greater the quantity of side relief (drawn off at 110-15°) in the cooking liquor, the lower the viscosity of the pulp, the lower the pulp strength, and the darker its color. With a max. temp. of 140-3°, chip moisture 25.7-33%, CaO of 0.59-0.78%, total SO₂ of 4.03-5.57%, α-cellulose of the pulp from 87.3 to 91.0%, and pulp

hardness ranging from 35 to 60° Björckman, pulp viscosities were 1475, 1800, 1880, and 1102 mp. for a ratio (in the recovery products in the cooking acid) of 1:0 for top to side relief, 461, 970, 758, and 800 mp. for a ratio of 7:3, and 610, 620, 610, and 680 mp. for a ratio of 1:1. In one special cook, side relief only was used for cooking; the cooking conditions were 3.72% SO₂, 0.70% CaO, max. temp. 139°, and time at max. temp. 50 min., to give a dark, low-strength pulp with a viscosity of 187 mp. and 102° Björckman. In 2 series of 10 cooks each, in the 1st series returning side relief only and in the 2nd series top relief only to the cooking acid, the above results were confirmed; the values for % SO₂, % CaO, max. temp., time at max. temp. in min., Björckman no., and viscosity in mp. were 4.60, 0.77, 142°, 44, 47°, and 942, resp., for the 1st series and 4.64, 0.74, 44, 47°, and 942, resp., for the 2nd series. The results obtained in the use of side relief in the cooking acid were due to the presence of lignosulfonic acids formed at low temp., to the catalytic effect of sugars on the conversion of HSO₃⁻ to SO₃²⁻ or, possibly (at low free SO₂ in the cooking acid), to the formation and decomn. of polythionates (1) $[(HSO_3)_2S \rightarrow H_2SO_4 + S_2 + S]$, the free S forming sulfid. I, and increasing the hydrolytic strength of the cooking acid.

John Lake Krays

SYKOL, V.P.

LESHCHENKO, I.G.; SYKOL, V.P.

Removal of sulfite waste lye from kettle with single use of
return liquor. Gidroliz. i lesokhim. prom. 10 no.1:24-25
'57. (MLRA 10:4)

1. Leningradskaya lesotekhnicheskaya akademiya im. S.M.Korova
(for Leshchenko). 2. Svetogorskiy tsellyuzno-bumazhnyy kombinat
(for Sykol).
(Sulfite liquor)

SYKOL, V.P.

Automation of cooking and preparation of chemicals. Bum.prom. 36
no.1:28 Ja '61. (MIRA 14:3)
(Cremona, Italy--Woodpulp)

SYKOL, V.P.

All indices should be on the high level. Bum.prom. 38 no.9:
10 S '63. (MIRA 16:11)

1. Direktor Svetogorskogo kombinata.

SYKORA, A

"Technique in fruit farming." p. 2 (Technicke Noviny, Vol. 1, No. 16, Dec. 1954, Praha)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 6, June.
1954, Uncl.

SYKORA, A.

"Problem of Waste Water", P. 5. (TECHNICKÉ NOVINY, Vol. 2, No. 15,
Aug. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (FEAL), LC, Vol. 4,
No. 1, Jan. 1955, Uncl.

SYKORA, A.

"Something for our Repair Workers", P. 5, (TECHNICKE NOVINY, Vol. 2,
No. 15, Aug. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 1, Jan. 1955, Uncl.

SYKORA, A., inz.

Revision of Czechoslovak Standard 34 7401: Power Conductors with
Rubber Insulation. Elektrotechnik 18 no.6:184 Je '63.

SYKORA, Alois, inz.

Remarks on the general revision of the Czechoslovak standards
on power cables and power circuits. Normalizace 13 no.1:18
Ja '65.

1. Office of Standardization and Measurement, Prague.

SYKORA, E.

Preparations for spring work in maintenance of railroad tracks. p. 52. (Zeleznice, Praha, Vol. 4, no. 3, Mar. 1954)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, No. 6, June 1955, Uncl

SYKORA, F.

Apparatus for estimating the swelling of ion-exchange resins. Jif Alexa and František Šykora (Czechoslov. akad. věd, Prague). Chem. listy 53, 281-3 (1958). The app. described is filled with CCl₄. To a known vol. of a CCl₄-dry resin mixt. is added H₂O and, after no further change in vol. occurs, the vol. increase of the CCl₄-wet resin mixt. is measured.

Jif Pliml

4
2 May

JW
1/1

JJ

SYKORA, F.

Isonicotinic acid hydrazide in the treatment of tuberculosis in children. Bratisl. lek. listy 35 no. 7:412-420 1955.

1. Z Detskeho tbe oddelenia OUNZ v Trnave, predn. MUDr. F. Sykora.
(TUBERCULOSIS, in infant and child,
ther., isoniazid.)
(NICOTINIC ACID ISOMERS, therapeutic use,
isoniazid in tuberc. in child.)

SYKORA, L.
MATL, Zd., Dr.; GOCIAR, Fr.; HERDEGEN, L.; JALUVKA, A.; KLADIVOVA, L.;
NEUMANN, R.; SYKORA, Fr.

Effect of isoniazid in long/kg dosage in tuberculosis of the
lymph nodes. Cesk. pediat. 12 no.8:750-753 5 Aug 57.

1. Detske lecebny tuberkulosity-Kosumberk, Krc, Sumperk, Abraham,
Dolnk Smokovec.

(TUBERCULOSIS, LYMPH NODES, ther.

isoniazid, dosimetric indic. (Cz))

(ISONIAZID, ther. use

tuberc., lymph nodes, dosimetric indic. (Cz))

SYKORA, F.

Struggle of the Slovak people with tuberculosis. Tuberkulozis
12 no.7:153-155 July 59

1. A szlovak Orvosi Tovabbkepso Intezet ftiziolgiai katedrajanak
(igazgato: Virsik Karol dr.) ftiziodiatriai osztalyanak kozlemenye.
(TUBERCULOSIS, prev. & control)

SYKORA, Frantisek

A few remarks on the differential diagnosis of tuberculosis in infants. *Pediat.polska* 34 no.12:1519-1527 D '59.

1. Z Kliniki Ftyzjatrycznej Slowackiego Instytutu Doskztałcania Lekarzy w Biskupcach Podunajskich. Kierownik Instytutu: dr med. K. Virsik. Kierownik Oddziału Dziecięcego: dr med. F. Sykora.
(TUBERCULOSIS, PULMONARY in infancy & childhood)

SYKORA, F.

Certain considerations on differential diagnosis of tuberculosis
in children. Cesk.pediat.15 no.11:1043-1044 N'60.

(TUBERCULOSIS diag)

SYKORA, Frantisek; PLACAK, Bedrich

Diagnostic difficulties in a rare case of associated carcinoma of the right adrenal and intrahepatic hematoma. Rozhl.chir. 40 no.2-3: 196-200 Mr '61.

1. Rentgenologicke oddeleni, prednosta MUDr. Frant. Sykora, a oddeleni pro chirurgii hrudni a brisni, prednosta MUDr. Bedrich Placak, Ustredni vojenska nemocnice.

(ADRENAL GLAND neopl)

(LIVER DISEASES compl)

(HEMATOMA compl)

SYKORA, F.

BAJAN, A; SYKORA, F; NEVICKÁ, E. (2)

Czechoslovakia

Phthiseological Chair of SUDL and the Kraj
Tuberculosis Hospital -- Podunajski Biskupici
(Ftizeologicki katedra SUDL a nemocnice tuber-
kulózy v Podunajských Biskupiciach); Director:
K. VIRSIK, MD. - (for all)

Bratislava

Prague, Lekársky Obzor, No 11, 1962, pp 623-625

"Chemoprophylaxis of Tuberculosis."

CZECHOSLOVAKIA

CERVENKA, J; SYKORA, F.

Institute of Tuberculosis (Ustav tuberkulozy), Bratislava
(for both)

Prague, Rozhledy v tuberkuloze, no 9, 1963, pp 617-620

"Follow-Up Study on the Evolution of Tuberculin Allergy
in Children in a ~~RURAL~~ Community with a ~~High~~ High
Incidence of Tuberculosis."

SYKORA, F.; NEVICKA, E.; CERNAY, J.

On the problem of postprimary tuberculosis in children.
Bratisl. lek. listy 43 Pt. 2 no.6:332-339 '63.

1. Krajska nemocnica tuberkulozy a chorob plucnych v Pod.
Biskupiciach, riaditel MUDr. K. Virsik.
(TUBERCULOSIS IN CHILDHOOD)
(TUBERCULOSIS, PULMONARY)
(BCG VACCINATION)

PEKA, Ivo; SYKORA, Frantisek

Laboratory electrolyzer for preparing elementary fluorine. Chem
listy 58 no.8:969-975 Ag '64.

1. Institute of Nuclear Research, Czechoslovak Academy of
Sciences, Rez near Prague.

SYKORA, F.; LUPTAKOVA, H.

On the status of tuberculosis in children in Slovakia. Bratisl.
lek. listy 45 no.3:129-135 15 F '65.

1. Ustav tuberkulozy v Bratislave (riaditel :MUDr. J. Markovic).

BAJAN, A.; SIKORA, F.

The role of Mycobacterium bovis in extrapulmonary child tuberculosis in West Slovakia. Cesk. epidem. 14 no. 2:73-80 Mr '65

1. Podunajske Biskupice; Krajska nemocnica tuberkulozy a chorob plucnych; Ftizeologicka katedra Ustavu pre dalsie vzdelavanie lekarov a farmaceutov, Podunajske Biskupice.

SYKORA, F.; STEKLACOVA, A.; NEVICKA, E.

Tuberculin tests in children according to Mantoux with the addition of corticotropin-Z. Bratisl. lek. listy 45 no.3: 153-156 15 Ag '65.

1. Krajska nemocnica tuberkulozy a chorob plucnych v Bratislave-Podunajskych Biskupiciach (riaditel doc. MUDr. K. Virsik) a Oddelenie detskej tuberkulozy (veduci MUDr. F. Sykora).

KLEN, R.; SYKORA, I.

Is the relative vitality of frozen and thawed tissue of diagnostic significance? Folia biol. 7 no.5:373-376 '61.

1. Regional Institute of National Health, Tissue Bank, Hradec Kralov, Institute of Pharmacy and Biochemistry, Prague, Rosice Branch, Rosice and Leben.
(CYTODIAGNOSIS) (REFRIGERATION)

SYKORA, I.

The ascitic tumour cell and its growth. Neoplasma 8 no.4:395-402
'61.

1. Research Institute of Pharmacy and Biochemistry, Prague, Branch
of Rosice/Lahem, Czechoslovakia.
(NEOPLASMS experimental) (SARCOMA experimental)

SYKORA, I.; WILDT, S.; HRADIL, F.; LORENCOVA, D.

Daily variation of exploratory activity in mice. *Activ. nerv.*
sup. 6 no. 1:33-34 '64

*

L 13463-66

ACC NR: AP6006019

SOURCE CODE: CZ/0053/65/014/004/0280/0281

AUTHOR: Klen, R.; Hradil, F.; Sykora, I.

ORG: Central Tissue Laboratory, Faculty Hospital, KUNZ, Hradec Kralove (KUNZ -
Fakultni nemocnice - Tkanova ustredna); Research Institute of Pharmacology and
Biochemistry, Rosice (Vyzkumny ustav pro farmacii a biochemii)

TITLE: Role of increased temperature in the growth of Crocker sarcoma. [This paper
was presented during Biophysical Days, Brno, 12 Jun 64.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 280-281

TOPIC TAGS: mouse, tumor, temperature

ABSTRACT: Environmental temperature significantly affect the growth of transplanted
Crocker murine sarcoma S-180 the optimal (slowest growth over 30 days)
temperature being 36° C.: The effect of temperature is not decreased by previous
adaptation of mice so as to increase the host tolerance. Orig. art. has: 1 figure.
[JPRS]

SUB CODE: 06 / SUBM DATE: none

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nad Labem.

... Exploratory Activity in H-Line Mice from the 1st to 8th

SYKORA, J.

CA

28

Control of first saturation on a conductometric basis. J. Sykora. *Listy Cukrovar* 65, 107-108(1948-1949); *Super Ind. Abstracts* 11, 85(1949).—Stafek and Santera (*Listy Cukrovar*, 46, 217(1928); *C.A.* 23, 311) showed that the alky. was directly proportional to the cond., with an accuracy of 0.01% of CaO, but attempts to use conductometric control in the plant have hitherto been unsatisfactory. New trials were now made with electrodes placed in the outflow pipe for 1st satd. juice with a 6 v. a.-c., rectified after passing through the soln., so as to operate a milliammeter, and by using a transformer with an air-gap core, to obviate fluctuations. The milliammeter was specially constructed to have a scale reading from 0 to 100 for 27 to 10 ohms, covering the useful range from 0.04 to 0.11% CaO alky. Over a wide range of temp., the resistance would decrease with rise of temp., but in practice the range of operating temp. is too small to b; important. A scale graduated in per cent CaO (prepd. from a graph of resistance against alky. obtained with accurately analysed juice samples) was affixed to the milliammeter, and a large-scale dial was also connected for use by the factory operator. This scale requires recalibration each season, correlating milliammeter readings with alkalinities detd. by titration, since changes in beet compn. will affect the results. The electrodes were mounted on a removable cover plate, in an isolatable portion of the pipe line; a soft scum deposit on the electrodes could thus easily be removed every two or three days. A small air-release valve above the electrodes is also considered desirable. R. D. H.

1951

SYKORA, J.

New house electric installation apparatus for AGY conductors to be embedded in walls. p. 386.

ELEKTROTECHNIK, Prague, Vol. 10, no. 12, Dec. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6 June 1956,
Uncl.

JUPA, M.; KUBAT, A.; SYKORA, J.

Evaluation of changes in the blood volume in the preoperative preparation of patients with malignant neoplasms. Rozhl. chir. 42 no.8:565-569 Ag '63.

1. I chirurgická klinika lékařské fakulty KU se sídlem v Plzni, přednosta doc. dr. J. Spinka Onkologické oddělení SFN v Plzni, vedoucí MUDr. A. Kubat.

(BLOOD VOLUME DETERMINATION)
(NEOPLASM THERAPY)
(CHROMIUM ISOTOPES)
(PREOPERATIVE CARE)

KUBAT, A.; SYKORA, J.; JUPA, M.

Studies on dextran distribution in the body using Cr51. Rozh.
chir. 42 no.9:611-615 S '63.

1. Onkologické oddelení Státní fakultní nemocnice v Plzni
I chirurgická klinika lékařské fakulty KU v Plzni.

(DEXTRAN) (CHROMIUM ISOTOPES)
(ASCORBIC ACID) (URINE)
(BLOOD CHEMICAL ANALYSIS)
(METABOLISM) (RADIOISOTOPE SCANNING)

EYBL, V.; SYKORA, J.; MERTL, F.

Effect of calcium complexes of aminopolycarboxylic acids on acute experimental cadmium poisoning. *Prac. lek.* 15 no.6: 234-238 Ag '63.

1. Farmakologicky ustav lekarske fakulty KU v Plzni, prednosta prof. dr. Z. Kocner Oddeleni pro choroby z povolani fakultni nemocnice v Plzni, vedouci MUDr. F. Huzl, CSc. Fyzikalni ustav lekarske fakulty KU v Plzni, prednosta doc. dr. M. Petran, CSc.

(CADMIUM) (CHELATING AGENTS)
(HEPATITIS, TOXIC) (KIDNEY)
(GASTROINTESTINAL SYSTEM) (SPLEEN)

L 13591-66

ACC NR: AP6006085

SOURCE CODE: CZ/0053/65/014/004/0314/0314

AUTHOR: Sykora, J.; Eybl, V.; Jonakova, M.; Koutensky, J. 25 B

ORG: Department of Occupational Diseases SFN, Plzen (Odd. chorob z povolani SFN);
Institute of Pharmacology, Medical Faculty, Charles University, Plzen (Farmakologicky
ustav LF, UK)

TITLE: Metabolism of cadmium complexes of aminopolycarboxylic acids [This paper
was presented during the Twelfth Pharmacologic Days, Smolenice, 28 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 314

TOPIC TAGS: biologic metabolism, rat, chelate compound, organocadmium compound,
aliphatic polycarboxylic acid, chromatography, biochemistry

ABSTRACT: Chromatography of urine of rats given CdCl₂ with or without cadmium
or calcium chelates or EDTA, CDTA and DTPA. CaCDTA was less apt to form ionic
complexes with cations in vivo and therefore had little protective effect;
CdCDTA was more stable in the body. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 002

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CZECHOSLOVAKIA

EYBL, V.; JONAKOVA, M.; KOUPEMSKY, J.; KOCHER, Z.; MERTL, F.; SYKORA, J.; Pharmacological and Physical Institute, Faculty of Medicine, Charles University; Department of Occupational Diseases (Farmakologicky a Fyzikalni Ustav Lek. Fak. KU a Oddeleni pro Choroby z Povolani), SFM [Abbreviation not explained], Plzen.

"The Effect of Dibenzylethylenediamine Salts of CaEDTA."

Prague, Ceskoslovenska Fysiologie, Vol.15, No 5, Sep 66, p 419

Abstract: The effect of the dibenzylethylenediamine salt of CaEDTA on the excretion of Mn and on its distribution in the organism was investigated. The content of Mn in the liver is reduced after the application of the discussed substance. The level of chelates in the organism is increased. No references. Submitted at 14 Days of Pharmacology at Smolenice, 17 Feb 66.

1/1

SYKORA, J.

Survey of the new inventions and patents. Hut listy 17 no.1:63-65
Ja '62.

SYKORA, J.

New inventions and patents. Hut listy 17 no.4:293-294
Ap '62.

SYKORA, J.

Survey of new patents and inventions. Hut listy 18 no.7:528-
531 J1 '63.

SYKORA, J.

Survey of new inventions and patents. Hut listy 18 no.8:605-
608 Ag '63.

SYKORA, J.

Survey of new inventions and patents. Hut listy 18 no.10:750-753
0 '63.

SYKORA, J.

Survey of new inventions and patents. Hut listy 18 no. 12:
908-912 D '63.

SYKORA, J.

Survey of new inventions and patents. Hut listy 19 no. 2:
146-148 F '64.

SYKORA, J.

Survey of new inventions and patents. Hut listy 19 no. 4:
296-299 Ap '64.

SYKORA, J.

Survey of new inventions and patents. Hut listy 19 no.5:
378-380 My '64

SYKORA, J.

Survey of new inventions and patents. Hut listy 19 no.7:530-532
Jl '64

SYKORA, J.

Survey of new inventions and patents. Mut listy 19 no.9:
678-680 S '64.

SYKORA, J.

Survey of new inventions and patents. Hut listy 19 no.10:
753-756 0 '64.

SYKORA, J.

Survey of new inventions and patents. Hut listy 19 no.11:833-
836 N '64.

SYKORA, J.

Survey of new inventions and patents. Hut listy 19 no.12:
909-911 D '64.

SYKORA, J.

Survey of new inventions and patents. Hut listy 20 no.1:71-74
Ja '65.

KREIDL, Ivan; SYKORA, Jiri

Use of plastics in the shoe industry. Kozarstvi 15 no.2:45-
47 F '65.

1. Svit National Enterprise, Gottwaldov.

KREIDL, Ivan; SYKORA, Jiri

Use of plastics in the shoe industry. Kozarstvi 15 no.3:89-92
Mr '65.

1. Svit National Enterprise, Gottwaldov.

KREIDL, Ivan, SYKORA, Jiri

Use of plastics in the shoe industry. Kozarstvi 14 no.11:337-
340 N '64.

1. Svit National Enterprise, Gottwaldov.

CZECHOSLOVAKIA

SYKORA, J; EYBL, V

1. Sub Department of Occupational Diseases, Faculty Hospital - (for ?); 2. Pharmaceutical Institute, Karlova University, Plzen - (for ?)

Prague, Collection of Czechoslovak Chemical Communications, No 1, January 1967, pp 352-357

"Paper chromatography of chelates of ethylenediaminetetraacetic acid."

1. 13238-66 EWT(1)/EWA(j)/EWA(b)-2 RO

ACC NR: AP6006052

SOURCE CODE: CZ/0053/65/014/004/0298/0299

AUTHOR: Koutensky, J.; Eybl, V.; Jonakova, M.; Sykora, J.; Mertl, F.

ORG: Institute of Pharmacology, Medical Faculty, Charles University, Plzen (Farmakologicky ustav lek. fak. UK); Department of Occupational Diseases, SFN, Plzen (Odd. chorob z pov. SFN); Institute of Physics, Medical Faculty, Charles University, Plzen (Fyzikalni ustav LF UK) NO
B

TITLE: Role of cadmium in acute ferritin toxicity [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 28 Jan 65.] 6,44,55

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 298-299

TOPIC TAGS: mouse, pharmacology, cadmium, protein, organoiron compound, toxicology, blood pressure

ABSTRACT: Cadmium-containing crystallized ferritin had an LD50 of 100 mg /Kg in mice; cadmium is stored in kidneys and spleen; while noncrystallized ferritin lowers blood pressure transiently, crystallized ferritin with cadmium raises it; CaDIA and CaDTPA can solubilize body cadmium and remove it from the body, as shown chromatographically. [JPRS]

SUB CODE: 06 / SUBM DATE: none / OTH REF: 004

Card 1/1

L 13250-66

ACC NR: AP6006040

SOURCE CODE: CZ/0053/65/014/004/0293/0293

AUTHOR: Eybl, V.; Sykora, J.; Mertl, F.

ORG: Institute of Pharmacology, Medical Faculty, Charles University, Plzen (Farmakologicky ustav lek. fak. UK); Department of Occupational Disease, SFN, Plzen (Odd. chorob z povolani SFN); Institute of Physics, Medical Faculty, Charles University, Plzen (Fysikalni ustav lek. fak. UK)

TITLE: Transfer of cadmium and cadmium complexes of EDTA and DTPA through the placental barrier [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 29 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 293

TOPIC TAGS: radioisotope, tracer study, biologic reproduction, pharmacology, animal physiology, organocadmium compound, rat, aliphatic carboxylic acid, chelate compound

ABSTRACT: Study in 3-week pregnant rats given $Cd^{115m}Cl_2$ with carrier, CaEDTA and CaDTPA and the cadmium radioactive complexes revealed that cadmium chelates easily penetrated the placental barrier and destroyed the fetus. [JPRS]

SUB CODE: 06 / SUBM DATE: none / SOV REF: 001

Card 1/1

L 13241-66 EWA(1)/EWA(b)-2 RO

ACC NR: AP6006049

SOURCE CODE: CZ/0053/65/014/004/0297/0297

AUTHOR: Jonakova, M.; Koutensky, J.; Eybl, V.; Sykora, J.

34
B

ORG: Institute of Pharmacology, Medical Faculty, Charles University, Plzen
(Farmakologicky ustav lek. fak/ UK); Department of Occupational Diseases, SFN, Plzen
(Odd. chorob z povolani SFN) 6/44/55

TITLE: The toxic effects of cadmium complexes of aminopolycarboxylic acids [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 28 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 297

TOPIC TAGS: toxicology, aliphatic polycarboxylic acid, organocadmium compound, drug effect, pharmacology, blood pressure, respiratory system, chelate compound

ABSTRACT: CdCl₂ and its chelates with EDTA, HEDTA tended to cause hypotension and tachypnea; CdGDTA caused transient hypertension. EKG changes are described.

[JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 001

Card 1/1

2

L 20838-66 EWP(w)/EWA(d)/T/EWP(t) IJP(c) JD

ACCESSION NR: AP5020873

CZ/034/64/000/010/0704/0711

AUTHOR: Mucka, Jan (Engineer); Sykora, Jaromir (Engineer)

15
14
B

TITLE: Notch toughness of CSN 17027 and CSN 19434 chromium steel. Factors causing its low value and methods of improvement

SOURCE: Hutnicke listy, no. 10, 1964, 704-711

TOPIC TAGS: chromium steel, toughness, metal forging/CSN 17027 chromium steel, CSN 19434 chromium steel

ABSTRACT: The low notch toughness of stainless steel mentioned in the title is caused by an excessive delta ferrite content. It can be improved by hammer forging and similar methods, but they cannot be applied under certain conditions. The only reliable method is the lowering of the delta ferrite content by changing the carbon content to its upper limit and the chromium content to its lower limit. An incorrect final heat treatment may cause a drop in the notch toughness even in steel with a low delta ferrite content. Orig. art. has: 4 tables, 8 graphs, 1 figure.

Card 1/2

L 20338-66

ACCESSION NR: AP5020873

ASSOCIATION: Strojarske a metalurgicke zavody, Dubnica nad Vahom (Engineering and Metallurgical Plants)

SUBMITTED: 00

ENCL: 00

SUB CODE: MI, AS

NR REF SOV: 001

OTHER: 019

JPRS

Card 2/2 vmb

MUCKA, Jan, inz.; SYKORA, Jaromir, inz.

Causes of the low notch toughness of the Czechoslovak Standards 17027 and 19434 chromium steels and methods of increasing it. Hut listy 19 no.10:704-711 0 '64.

1. Strojarske a metalurgicke zavody, National Enterprise, Dubnica nad Vahom.

01111, 3.

"The Starbuckian racetii (F.M.) in the Koderaske nature Reservation near Jevany."
1958 (Sbornik Zpravy, Vol. 13, no. 2, Apr. 1958, Brno, Czechoslovakia)

1958 (Index of New Species Accessions (ZML) 10, Vol. 7, No. 5, 1958)

BASTAR, Miloslav; STRAKOVA, A.; SYKORA, J.

Examination of the use of sensito-hemagglutination and hemagglutination for the direct diagnosis of fowl pest in dead fowl. Veterinarni medicina 7 no.2:93-106 '62.

1. Statni veterinarni ustav Praha, Krajske veterinarni zarizeni Jihoceskeho kraje, vysetrovaci stanice Ceske Budejovice.

MUCKA, Jan, inz.; SYKORA, Jaromir, inz.

Effect of the forging reduction degree on the removal of carbide inhomogeneity in Czechoslovak Standards 19800 and 19824 high-speed steels and the problems of use of larger ingots thereof. Hut listy 18 no.10:711-718 0 '63.

1. Strojarske a metalurgicke zavody, Dubnica nad Vahom.

JUPA, M.; KUBAT, A.; SYKORA, J.

Do our laboratory methods always give the true picture of a disease? Contribution to preoperative blood volume determination. Bratisl. lek. listy 44 no.5:303-308 15 S'64

I. I. chirurgická klinika lékařské fakulty University Karlovy se sídlem v Plzni (vedoucí doc MUDr. J. Spinka); Onkologické oddělení SFN v Plzni (zast. vedoucího MUDr. A. Kubat).

S. Kozel, F.



CZECH

/ Determination of manganese in biological material. J.
 Dvora (Kunz Plzen, Czech. *Průmysl Lékařství* ~~1955~~)
 1955). - Workers (1) handling Mn steel at grinding
 machines exposed to concns. of 30 mg/M³ of air showed con-
 siderable raised values of Mn compared with unexposed
 persons (II). Values for Lead II, resp. are based on 7-15 d
 urine excretion from 8-15 mg/dl (112.05-133.72 mg/dl)
 Method of 1 mg Mn in 100 mg Mn. ~~is~~ ^{is} ~~not~~ ^{not} ~~characteristic~~ ^{characteristic} for
 an Mn level ~~is~~ ^{is} ~~not~~ ^{not} ~~characteristic~~ ^{characteristic} for
 the pathol. processes under study.

KUBAT, Alois; SYKORA, Jindrich

Tentative clinical application of radioactive gold. Cesk. onkol.
3. no. 3:260-264 1956.

1. District Public Health Serv., Oncolog. Dept., Plzen
MUDr. Alois Kubat and RNDr. Jindrich Sykora, Onkologicke
oddeleni KUNZ, Plzen, Marxova 13, Czechoslovakia.

(NEOPLASMS, THERAPY,
radiogold)
(GOLD, radioactive,
ther. of cancer)

COUNTRY : CZECHOSLOVAKIA H
CATEGORY : Chemical Technology. Chemical Products and Their
Application. Safety and Sanitation.
ABS. JOUR. : RZhKhim., No 17, 1959, No. 61342
AUTHOR : Huzl, P.; Joachimsthaler, J.; Sykora, J.
INSTITUTE : -
TITLE : Chronic Poisoning with Arsenic
ORIG. PUB. : Pracovni lekar., 1958, 10, No 5, 422-424

ABSTRACT : A workman that in the course of 35 years was in contact with As, As₂O₃ and others (basically in the manufacture of H₂SO₄ by the chamber method) is a subject to the motor and sensory damages of the peripheral nervous system, to paresis and atrophy of muscles comprizing the upper extremities, to hyperkeratosis of the skin of upper and lower extremities, to hyperpigmentation of skin, to headaches, weakness, sleeplessness, absence of appetite, to neurovegetative transformations, to irritation of the conjunctive, conjunctivitis, to irritation of the upper respiratory ducts, chronic

Card:

1/2

SYKORA, J.; KOCHER, Z.; EYBL, V.

Effect of CaNa_2EDTA on the excretion of lead in experimental lead poisoning. (Cz²). Cesk. fysiол. 8 no.4:325 July 59.

1. Farmakologicky ustav lek. fak. KU Plzen.
(EDATHAMIL, pharmacol.) (LEAD POISONING, exper.)

SYKORA, J.;EYBL, V.

Contribution to the metabolism of $\text{Cd}^{115}\text{Na}_2\text{EDTA}$ & $\text{Cd}^{115}\text{Na}_2\text{Chenta}$.
Cesk. fysiол. 9 no.1:91-92 Ja 60.

1. Krajsky ustav narodniho zdravi, Farmakologickych ustav fak.
Vseob. lek. Plzen.

(CHELATING AGENTS, metab.)

HUZL, Fr.; JOACHIMSTHALER, J.; SYKORA, J.; SYBLIK, J.

Lead poisoning in ceramic industry. Pracovni lek. 12 no.5:256-259 Je '60.

1. Oddeleni chorob z povolani FN v Plzni, prednosta kand. lek. ved MUDr. Fr. Huzl; Pracoviste dorostoveho lekare MUMZ v Plzni MUDr. J. Joachimsthalera; Pracoviste krajskeho lekare pece o zavody MUDr. J. Syblika.
(LEAD POISONING)

SYKORA, J.; KUBAT, A.; HUZI, F.

Radiation hazards in storing monastic sand. Pracovni lek. 12
no. 6:291-294 JI '60.

1. Oddeleni chorob z povolani a onkologicke oddeleni SFN, Plzen.
(RADIATION INJURY)
(OCCUPATIONAL DISEASE)

HULA, M.; HUZL, F.; LUKESOVA, L.; SYKORA, J.; SOUSTEK, Z.

A special type of skin allergy after beryllium bronze. Pracovni lek.
13 no.10:497-499 D '61.

1. Klinickopatologicke dermatologicke stredisko SFN v Plzni pri kozni klinice, prednosta prof. MUDr. Vlastimil Resl, a pri patologicko-anatomicke ustavu, prednosta prof. MUDr. Josef Vanek D. Sc., oddeleni chorob z povolani a prumyslove toxikologie SFN v Plzni, prednosta MUDr. Frantisek Huzl C. Sc., spektrograficka laborator Kovohute, n.p. Rokycany.

(BERYLLIUM toxicol) (ALLERGY etiol)

RESL, Vl.; SYKORA, J.

Detoxication of sexavalent chromium with EDTA. Cesk. dermat. 36 no.5:
287-290 Ag '61.

1. Dermatovenerologicka klinika Karlovy university, Plzen, prednosta
prof. MUDr. Vl. Resl Oddeleni chorob z povolani SFN Plzen, prednosta
MUDr. Fr. Huzl, C. Sc.

(CHROMIUM toxicol) (EDATHAMIL ther)

SYKORA, JINDRICH (PhD)
SURNAME, Given Names

4

Country: Czechoslovakia

Academic Degrees:

Affiliation: Department of Occupational Diseases, State Faculty Hospital (Oddeleni chorob z povolani statni fakultni nemocnice) Chief Dr Fr. HUZL; Plzen

Source: Prague, Prakticky Lekar, Vol 41, No 15-16, Aug 21, 1961; pp702-706.

Data: "Chronic Poisoning with Lead and Edtocal Spofa in Pregnancy"

HUZL, Frantisek; MD

JOACHIMSTHALER, Josef; MD

SYKORA, Jindrich, PhD

GPO 981643

SYKORA, J.; HUZL, F.; KUBAT, A.; technicka spoluprace STANDEROVA, R.

Hazards in processing rare earths. Prac. lek. 14 no.6:271-277 Ag '62.

1. Oddeleni chorob z povolani a prumyslove toxikologie SFN v Plzni,
prednosta MUDr. F. Huzl Onkologicke oddeleni SFN v Plzni, prednosta
MUDr. A. Kubat.

(ELEMENTS)

(OCCUPATIONAL DISEASES)

SYKORA, J.

2

CZECHOSLOVAKIA

JOACHIMSTHALER, J; HUZZL, F., MD; SYKORA, J.

Ward of Occupational Diseases and Toxicology SFN), Pilsen
(for all)

Prague, Vnitřní lékařství, No 8, 1963, pp 797-799

"Acute Dichlorethylene Poisoning."

PAICHL, Premysl; SKRLANT, Lubos; SYKORA, Jindrich. Technicka spoluprace
EYBLOVA, Marie

Fever caused by inhalation of metal fumes from brass welding.
Plzen. lek. sborn. 23:115-118 '64

1. Klinika vnitřních chorob lékařské fakulty University Karlovy
se sídlem v Plzni (prednosta: prof. MUDr. K. Bobek); Oddeleni
chorob z povolani a prumyslove toxikologie Statni fakultni ne-
mocnice v Plzni (prednosta: prim. MUDr, F. Huzl, CSc.).

BROZKOVA, V.; WIRTHOVA, H.; KUBAT, A., MUDr.; SYKORA, J.

Our experience with radioactive iodine in the diagnosis of thyropathies. Plzen. lek. sborn. 24:83-88 '64

1. Klinika chorob vnitřnich lékařské fakulty University Karlovy v Plzni (prednosta: prof. MUDr. K. Bobek) a onkologické oddelení SFN v Plzni (zast. prednosta: MUDr. Alois Kubat).

SYKORA, J.; KUBAT, A.; PATOCKA, S.

Hazards of work with radioisotopes. Plzen. lek. sborn. 24:
95-97 '64.

1. Oddeleni chorob z povolani a toxikologie SFN v Plzni (prednosta:
MUDr. A. Kubat) a Fyzikalni ustav lebarske fakulsty University
Karlovy v Plzni (prednosta: doc. MUDr. M. Petran, CSc.).

CZECHOSLOVAKIA

UDC 616-001.271-057-07(437.1-15)

HUZL, Frantisek; KLIMKOVA-DEUTSCHOVA, Eliska; JANKOVA, Jarmila; MAINEROVA, Jirina; SALCMANOVA, Zdenka; SCHWARTZOVA, Kveta; SUCHANOVA, Larisa; SYKORA, Jindrich; Department of Occupational Diseases and Toxicology, Faculty Hospital (Oddeleni Chorob z Povolani a Toxikologie Fakultni Nemocnice), Plzen, Head (Vedouci) Dr F. HUZL; Neurological Clinic Medical Faculty, Charles University (Neurologicka Klinika Lek. Fak. KU), Plzen, Head (Prednostka) Docent Dr E. KLIMKOVA-DEUTSCHOVA.

"Examination of Workmen Exposed to Electromagnetic Waves of One Meter and Longer Length in the Region of West Bohemia."

Prague, Pracovni Lekarstvi, Vol 18, No 3, Apr 66, pp 100 - 106

Abstract [Authors' English summary modified]: 68 workmen employed in areas of electromagnetic fields with frequencies of 2.4 to 2.4 cycles, and wave length 3.5 to 30 meters were investigated. 52 were subjected to an uninterrupted field, and 16 to a polyfrequency interrupted field. 23% in the first, and 50% in the second group were influenced by the field. Only in one a serious disease resulted; most suffered simply from headache, fatigue, vegetative symptoms and lack of coordination of the cortex and mesodiencephalic CNS functions. 6 Figures, 2 Tables, 4 Western, 14 Czech references. (Ms. rec. 29 Jan 65).

1/1

SYKORA, JOSEF

Czech

CA: 47:11077

"Analysis of gases with high contents of acid components."

Chemie (Prague) 8, 90-1 (1952)

SYKORA, JOSEF

Czech

CA: 47:11075

"Determination of noble gases."

Chemie (Prague) 8, 216-17 (1952)

SYKORA, Josef

Contribution of Czechoslovak innovators and inventors in 1962.
Geol pruzkum 5 no.3:92 Mr '63.

SYKORA, Josef

Branch competition in new technical development. Geol pruzkum 5
no.3:93 Mr '63.

SYKORA, K., prof., inz., dr.; ROSEL, J., inz.

In-built elements in the drums of steam generators with natural circulation. Strojirenstvi 12 no.7:509-516 JI '62.

1. Vysoka skola strojni a textilni, Liberec.

SYKORA, Karel, prof., inz. dr.

Problems of heat transfer in vertical tube evaporation. Stroj
cas 14 no.5:499-518 '63.

1. Vysoka skola strojni a textilni, Liberec.

LESKO, Jan, inz.; ROSENBERG, Mita, MDr., C.Sc.; SYKORA, Karol

Preparation of the ethyleneglycomonoester of methacrylic acid.
Chem zvesti 16 no.1/2:109-112 Ja-F '62.

1. Virologicky ustav Ceskoslovenskej akademie vied, Bratislava,
Mlynska dolina 1.

LEŠKO, J. Inz.; ROSENBERG, M., MUDr.; tech. spol. SYKORA, K.

Application of mixtures containing glycol-methacrylate in histology and histochemistry. Cesk. morf. 11 no.2:188-191 '63.

1. Virologický ústav CSAV, Bratislava, Mlynska dolina 1.
(HISTOLOGICAL TECHNICS) (ACRYLIC RESINS) (GLYCOLS)
(STAINS AND STAINING)

VODRAZKA, Jan, inz.; CERNICKY, Ivan, inz.; SYKORA, Karel

Effect of the oven wall and air temperature on bread baking.
Prum potravin 14 no.7:376-378 J1 '63.

1. Zavody potravinarskych a chladicich stroju, n.p., Pardubice,
Vyzkumny ustav Praha.