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STUDIES OF THE ISOMERIZATION OF SUGARS BY  
BACTERIA. PT. II. ENZYMATIC PROPERTIES OF  
GLUCOSE ISOMERASE. [Apr 64] 7p  
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Trans. of Nihon Nogei-Kagakkai Shi (Japan) 1962, v. 36,  
no. 12, p. 1013-1016.

(See also ATS-5JR74)

(Biological Sciences--Biochemistry, TT, v. 12, no. 2)

I. Takasaki, Y.  
II. Tanabe, O.  
III. Title: Enzymatic...  
IV. ATS-54R74]  
V. Associated Technical  
Services, Inc.,  
East Orange, N. J.

104929

Office of Technical Services

TT-64-22080

Takasaki, Y. and Tanabe, O.  
STUDIES OF THE ISOMERIZATION OF SUGARS BY  
BACTERIA. PT. I. IDENTIFICATION OF ISOLATED  
BACTERIA, CARBON SOURCES IN THE CULTURE  
MEDIUM, THE CULTURING PROCESS, AND  
ENZYMATIC ACTIVITY. [Apr 64] 7p  
Order from ATS \$8.35      ATS-53R74]

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no. 12, p. 10

- I. Takasaki, Y.
- II. Tanabe, O.
- III. Title: Identification...
- IV. ATS-53R74]
- V. Associated Technical  
Services, Inc.,  
East Orange, N. J.

A284928

(Biological Sciences-- Biochemistry, TT, v. 12, no. 2)

Office of Technical Services

AEC-tr-4482(p.1467-87) Uncl.

STUDIES ON RADIOACTIVE LABELED BACTERIA IN  
THE FIELD OF FOOD SANITATION. Akira Takase  
and Tomoko Bito.

C-23 P NSA

*Second Japan Conference on  
Radioisotopes, Feb. 1958*

N-4

AEC-tr-4482(p.1467-87) Uncl.

STUDIES ON RADIOACTIVE LABELED BACTERIA IN  
THE FIELD OF FOOD SANITATION. Akira Takase  
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AEC-tr-4482(p.1467-87)      Uncl.

STUDIES ON RADIOACTIVE LABELED BACTERIA IN  
THE FIELD OF FOOD SANITATION. Akira Takase  
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Interaction Between Antibacterial Substances, by Yasuo  
Iwakami, Takashi Adachi and Tsutomu Tada, 7 pp.

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tifiers, by Takashi Nakagawa.  
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*Takashi Nakagawa*

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The Soil Freezing Method in Engineering Construction  
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THE DEPARTMENT OF DEFENSE ONLY  
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*T. Takashi*

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*Takashi Uchida*

Sci-Chem

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R-8601-D  
18 Aug 67

Studies on Saline Water Conversion by Freezing Method

(VI) Overall Analysis of Direct Contact Freezing Process

By: Takashi Uchida

From: Reprinted from Reports of the Government Chemical  
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1966:33-42

( 10 pp)

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Report of an Investigation of Poisonous Fishes Within  
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ment-General, by Takashi Yasukawa, 12 pp.

Full translation.

JAPANESE, <sup>pam</sup> ~~RAE~~, Contagious Disease Res. Inst. Tokyo  
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~~Scientific - Biological~~

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Takashi, Y., Aishima, I., Kobayashi, Y., and  
Tsumoda, Y.  
A METHOD FOR POLYMERIZATION OF MONO-  
OLEFINS. [1963] 7p  
Order from OTS, SLA, or ETC \$1.10    TT-63-20606

Trans. of published Japanese patent 4690/1963,  
notification 25 Apr 63, [cl.] 26 B 11 (13 F 1) appl.  
29 Oct 60, special appl. 43503/1960, by Asahi Kasei  
Kogyo Kabushiki Kaisha. (Abstract available)

DESCRIPTORS: \*Polyethylene plastics, Alkenes,  
\*Propenes, \*Polymerization, \*Ziegler catalysts,  
\*Titanium compounds, Chlorides, \*Antimony com-  
pounds, \*Aluminum compounds, Alkyl radicals,  
Halides.

In the proposed method, a monoolefin is polymerized in  
the presence of a catalyst consisting of titanium tri-  
chloride obtained by reduction of titanium tetrachloride  
(Materials--Plastics, TT, v. 11, no. 3)      (over)

- I. Takashi, Y.
- II. Aishima, I.
- III. Kobayashi, Y.
- IV. Tsumoda, Y.
- V. Patent (Japan) pub. 38-4690

134884

Office of Technical Services

A Process for Polymerization of Mono-Olefins,  
by Yukiichi Takashi, Itsuho Aijima, Yuji Iibayashi,  
Yoshio Tsunoda, 13pp  
JAPANESE, patent 9,441/1963, 17 Jun 63, cl.  
26 B 11, appl. no. 12,483/1963, 11 Apr 61, by  
Asahi Kasei Kogyo Co  
SA Code P 346

*Yukiichi Takashi*

Sci - Mat  
May 67

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A Process for Polymerization of Homo-Olefins, by  
Yukichi Takashi, Itsuho Aigima, Yuji Kobayashi,  
9pp  
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26811, appl. no. 48,336/1960, 13 Dec 60, by  
Asahi Kasei Kogyo Co.  
SA Code P 347

*Yukichi Takashi*

Sci & Nat  
May 67

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A Process For Polymerization of Mono-  
olefins, by Yukichi Takashi, Itsuho Aizima,  
Yuji Kobayashi, Yoshio Tsunoda, 13pp.  
JAPANESE, Patent 9,439/1963, 17 Jun 63,  
cl. 26 B 11 appl No. 12,381/1963, 11 Apr 61,  
by Asahi Kasei Kogyo Co., Ltd.  
CFSTI SA Code-P-344.

*Yukichi Takashi*  
322,619

Sci - Materials  
Mar 67



A Process for Polymerization of Mono-olefins, by  
Yukichi Takashi, Masayo Asai, Yuji Kikuguchi,  
Toshio Taniuchi, 14 pp  
JAPANESE, patent, 9,440/1963, 17 Jun 63, cl  
26 B 11, appl. no. 12,842/1961, 11 Apr 61, by  
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SA Code P 345

*Yukichi Takashi*

Sci - Int  
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Takashi, Y., Aishima, I., and Tsumoda, Y.  
A METHOD FOR THE POLYMERIZATION OF  
MONOLEFINS. [1963] 9p  
Order from OTS, SLA, or ETC \$1.10 TT-63-20565

Trans. of published Japanese patent 4689/1963,  
notification 25 Apr 63 [c.L.] 26 B 11 (13 F 1)  
appl. 29 Oct 60, special appl. 1960/43502.  
by Asahi Kasei Kogyo Kabushiki Kaisha.  
(Abstract available).

DESCRIPTORS: \*Polyethylene plastics, \*Propenes,  
\*Polymerization, \*Ziegler catalysts, \*Titanium  
compounds, Chlorides, \*Antimony compounds,  
\*Aluminum compounds, Alkyl radicals, Halides.

The invention relates to a method for producing poly-  
propylene containing as much as 90% isotactic phase.  
The catalyst employed consists of a compound of  
titanium tetrachloride and an organo compound of one  
(Materials--Plastics, TT, v. 11, no. 3)      (over)

TT-63-20565

- I. Takashi, Y.
- II. Aishima, I.
- III. Tsumoda, Y.
- IV. Patent (Japan) pub. 38-4689

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Takashi, Yukichi, Aijima, Hayaho and others.  
MOLECULAR WEIGHT CONTROLLING PROCESS OF  
MONOOLEFIN POLYMER. Nov 62, 11p.  
Order from SA \$19.00      SA Code-P-51

Trans. of published Japanese patent 1592/1962, 9 May 62,  
cl. 26-B-11 (26-B-121) (26-B-012) (13-F-1) appl.  
no. 11245/1960, 31 Mar 60, by Asahi-Kasei  
Industrial Co.

DESCRIPTORS: Polymers, \*Ethylenes, \*Molecular  
weight, Control, Catalysts, Aluminum compounds,  
Titanium compounds, Halides, Acetic acids.

(Engineering--Chemical, TT, v. 9, no. 3)

63-12367

- I. Takashi, Y.
- II. Aijima, H.
- III. Patent (Japan) pub. 37-1597
- IV. SA Code-P-51
- V. Seizaburo Aeki (Japan)

**C227616**

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A Process For Polymerization of Mono-  
olefins, by Yukichi Takashi, Itacho Akimasa,  
Yuji Kobayashi, Yoshio Tsunoda, 13pp.  
JAPANESE, Patent 9,439/1963, 17 Jun 63,  
cl. 26 B 11 appl No. 12,391/1963, 11 Apr 61,  
by Asahi Kasei Kogyo Co., Ltd.  
CFSTI SA Code-P-344.

*Yukichi Takashi*  
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Sci - Materials  
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Method of Polymerizing Novecolofine,  
by Yukichi Takashi, Kenko Aijima,  
Juji Kobayashi, Yoshio Tomoda, 19 pp.  
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*Yukichi Takashi*

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MONOOLEFIN POLYMER. July 63, 9p. 1 ref.  
Order from SA \$19.00      SA Code-P-57

Trans. of [published] Japanese patent 1593/1962,  
cl. 26-B-11 (26-B-121) (26-B-012) (13-F-1) appl.  
no. 11246/1960, 31 Mar 60, pub. 9 May 62, by  
Asahi-Kasei Industrial Co.

DESCRIPTORS: \*Polyethylene plastics, Molecular  
weight, Control, Ethylenes, Propenes, Butenes,  
Polymerization, Metalorganic compounds, \*Ziegler  
catalysts, Titanium compounds, Chlorides, Alkaline  
metal compounds, Sodium compounds, Potassium com-  
pounds, Group II elements, Zinc compounds, Ethyl  
radicals, \*Chloroacetic acids.

(Materials--Plastics, TT, v. 10, no. 4)

- I. Takashi, Y.
- II. Aijima, H.
- III. Patent (Japan) pub.  
37-1 593
- IV. SA Code-P-57
- V. Seizaburo Aoki (Japan)

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On Parametron Computer "M-1", by Z. Kiyasu,  
S. Muroga, K. Takashima. UNCLASSIFIED

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1958, Vol XLI, No 11, pp 1132-1141.

SLA 59-17793

Sci  
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Vol 2, No 9

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Purified and Stabilized Polyolefins, by  
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ATS-JS-197

*H. Takashima*

Sci-Chem  
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<p>Trans. of published Japanese patent 10567/1962, cl. 25-H-311 (25-H-05) (25-A-13) appl. no. 22118/1960 filed 26 Apr 60, pub. 8 Aug 62, by Mitsubishi Yuka Co., Ltd.</p>	<p>1247723</p>
<p>DESCRIPTORS: *Polyethylene plastics, *Composite materials, Production, Stabilization, Purification, Odors, Additives, Metallic compounds, *Sodium com- pounds, *Borohydrides, *Lithium compounds, *Aluminum compounds, Hydrides, Chlorides.</p>	<p>Office of Technical Services</p>
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Observations of Fish-Schools From an Aeroplane, by  
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1961, pp 65-68.

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Removal, by Yoshitoshi Oyama, Yoichi Takashima, et al.

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Sept 1958, pp 330-338.. 9204991

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Isotope Separation by Con-current Gas Centrifuge (1), by Akira KAWAGUCHI, Yoichi TAKASHIMA, 24 pp.  
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ARC REF Tr-29

Yoichi TAKASHIMA

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Sci - Physics  
Jul 57

Ion Exchange Separation of Scandium and Lanthanide  
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Hirohiko Waki, 9 pp.

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1958, pp 1169-1172.

AEC UCRL-Tr-540(L)

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Determinations of Metal Ions by Hexaminecobalt ~~chloride~~  
(III) Chloride and Sodium Fluoride (First and  
Second Reports), by Yoshimasa Takashima, 14 pp.

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1958, pp 243-248.

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Research Tests on Bulletproof Steel Plates  
(Report No 1) Bulletproof Qualities of Steel  
Plates Experimentally Manufactured in 1954, by  
Toshio Saito; Yukinosuke Takashima, 74 pp.

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Japanese Defense Agency, 14 Oct 1955, Encl to  
IR 2056-57, 6004th AISS.

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Econ - Research  
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An Experiment of Wing Tank Compartments of  
Ore Carrier, by K. Takashiro  
JAPANESE, per, Kansai Zosen Kyokai-Shi,  
No 110, 1963, p 1.  
NLI Ref: 9022.065 (2518)

K. TAKASHIRO

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Effects of Annealing Temperature on a Strain  
Ageing of Vanadium-Treated Cold Rolled Low-  
Carbon Rimmed Steel Sheet, by K. Takasina,  
S. Harada

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JAPANESE, per, Tetsu to Hagane, Vol 52, No 4,  
1966, pp 726-729.

BISI 5129

*K. TAKASINA*

Sci/Materials  
Jul 67

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Takaguni, Shintaro.  
A PROCESS OF REACTIVATION OF THE CATALYTIC  
BODY FOR SYNTHESIS OF VINYL ESTER. July 63,  
8p. 3 refs.  
Order from SA \$19.00                      SA Code-P-56

Trans. of [published] Japanese patent 1693/1962, cl.  
13-F-5 (16-B-61) additional pat. to 279224, appl.  
no. 24987/1959, 3 Aug 59, pub. 14 May 62, by  
Shin'etsu Kagaku Kogyo, Inc.

DESCRIPTORS: \*Vinyl plastics, Vinyl radicals,  
\*Esters, Acetates, Synthesis, \*Catalysts, Activated  
carbon, \*Zinc compounds, Acetates, Mercury com-  
pounds, Chlorides, Fluidized solids, Acetylenes,  
Acetic acids, Towers (Chemistry)

(Materials--Plastics, TT, v. 10, no. 4)

- I. Takasuri, S.
- II. Patent (Japan) pub.  
37-1 893
- III. Patent (Japan) 279 224,  
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- IV. SA Code-P-56
- V. Seizaburo Aoki (Japan)

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JAPANESE, Tohoku Journal of Experimental Medicine, 1949.

\*AMC F-75-7087-KE

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Graphite Anode of a Horizontal Mercury  
Cell, by K. Takata, H. Morishita. 10p.  
JAPANESE, per, Denki Kagaku, Vol 32,  
No 8, 1964, pp 586-589.  
TC-1050

*K. Takata*

Sci-Chem  
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Analysis of the Behavior of a Salt-metal  
Extraction Column for U-235 Fuel, by Teruhiko  
NISHIUCHI, Masaru TAKATA, 17 pp.  
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pp 991-996. F21121867  
SEC GENL Tr-1665

Masaru TAKATA

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Sci - Propulsion & Panels  
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Analysis of the Behavior of a Salt-Metal Interaction  
Column for U-235 Fuel, by Terukatsu Niyouchi,  
Masaru Takata.

JAPANESE, per, Kugaku Kagaku, Vol 26, 1962,  
pp 991-2.

AEC OSNL-tr-1665

*Masaru Takata*

Sci - Chem #  
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Synthesis of Model ~~EX~~ Substances for  
Polyacrylonitrile and Its Copolymers.  
I. Synthesis of Model Substances for  
Polyacrylonitrile-1, by T. Takata,  
et al, 18 pp.

~~JAPANESE~~  
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No 17, 1959, pp 693-698.

SLA 60-18388

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Vol IV, No 11  
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Study of Lycoris Alkaloids Report No 18  
Structure of Lycorenine (Part 4)<sup>1</sup>, by  
Heisaburo Kondo, Takato Ikeda, 7 pp.

JAPANESE, per, Yakugaku Zasshi, Vol LXXV,  
No 9/10, Nov 1945, pp 5, 6.

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Scientific - Chemistry      CTS/DEX

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Serological Apparatus and Method of  
Application Thereof, by Etienne Liern,  
Cyula Takatsy, 9 pp.  
FRENCH, Patent No. 1,174,252.  
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Sci-Engr  
Sept 65

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Current Serological Micromethods, by Gyula  
Takatsy, 5 pp.

HUNGARIAN, per, Kiserletes Orvostudomány,  
Vol IV, 1951, pp 60-65.

NIH 3-30-62

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Sci - Med

Jun 62

Takatsuchi, Yukichi, Aijima, Hayaho and others.  
**METHOD OF CONTROLLING MOLECULAR WEIGHT.**  
July 63, 12p. 5 refs.  
Order from SA \$19.00                      SA Code-P-208

Trans. in manuscript of published Japanese patent  
13882/1962, cl. 26-B-11 (26-B-121) (13-F-1) appl.  
no. 20827/1960 filed 15 Apr 60, pub. 13 Sep 62, by  
Asahi Chemical Industry Co., Ltd.

DESCRIPTORS: \*Polyethylene plastics, Molecular  
weight, Control, \*Ethylenes, \*Propenes, Polymeriza-  
tion, \*Triphenylmethanes, Metalorganic compounds,  
\*Ziegler catalysts, Alkyl radicals, \*Titanium com-  
pounds, Halides.

(Materials--Plastics, TT, v. 10, no. 9)

63-22306

- I. Takatsuchi, Y.
- II. Aijima, H.
- III. Patent (Japan) pub.  
37-13 882
- IV. SA Code-P-208
- V. Seizaburo Aoki (Japan)

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(excepts from Takaya's book).

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Political - Communism, propaganda  
Biographic - KGRA, HOASHI, MIYAKOGHI

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S. TAKAYAGI

Study on the Surface States of Tungsten Powder.  
Part II, by S. Takayagi.  
JAPANESE, per, Nippon Kagaku Gakkaishi, Vol 24,  
No 3, 1960, pp 142-146.  
NTC 71-14269-11F

Feb 72

Removal of Ashes Contained in Crude Basic Amino  
Acids, by Yoshitaro Takayama, Ryoji Iwanaga,  
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Pub 17 Oct 1951.

SLA 60-14006

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Electrolytic Treatment of Products of Protein  
Hydrolysis, by Yoshitaro, Takayama, Matsuno,  
Sedso, Ryoji Iwanaga, 3 pp.

JAPANESE Patent 4484, (1950), Filed 4 Jun 1949,  
pub 10 Dec 1950 .

SLA 60-14809

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Mar 62

Determination of Benzoyl Peroxide in Polymethyl  
Methacrylate, Rept. 3. Colorimetry, by Yuji  
Takayama, Kimiko Doi, 6 pp.  
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pp 349-353.  
SLA TF 64-18550

*Yuji Takayama*

Jul 66

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Determination of Benzoyl Peroxide in Polymethyl  
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