

ACTUAL PRODUCTION OF PENICILLIN DURING MARCH 1953

<u>Manufacturer:</u>	<u>Amorphous P.</u> <u>100,000 u.</u>	<u>Amorphous P.</u> <u>200,000 u.</u>	<u>Cryst. P.</u> <u>100,000 u.</u>	<u>Cryst. P.</u> <u>200,000 u.</u>	<u>Cryst. P. G</u> <u>100,000 u.</u>	<u>Cryst. P. G</u> <u>200,000 u.</u>
Banyu Pharm. Co.	15,000 vials	-	-	-	105,000 vials	105,000 vials
Taito Co.	17,700 "	-	-	-	40,960 "	33,340 "
Toyo Brewery Co.	9,700 "	11,200 vials	19,490 vials	-	-	9,900 "
Yashima Chemical Co.	17,547 "	-	-	-	-	-
Morinaga Yakuhin Kogyo Co.	32,829 "	-	-	-	43,481 "	10,118 "
Meiji Nyugyo Co.	-	-	21,411 "	-	31,415 "	-
Takeda Pharm. Ind. Ltd.	-	-	25,948 "	36,112 vials	94,099 "	-
Meiji Confectionery Co.	-	-	-	-	76,299 "	60,490 "
Sanyo Chemical Co.	-	-	-	-	20,000 "	6,000 "
Toyo Rayon Co.	-	-	-	-	12,100 "	10,100 "
Shionogi & Co.	-	-	-	-	13,995 "	6,632 "
Daiichi Seiyaku Co.	-	-	-	-	30,180 "	20,000 "
Kaken Chemical Co.	-	-	-	-	-	-
Showa Yakuhin Co.	-	-	-	-	-	-
Tachikawa Pharm. Co.	-	-	-	-	-	-
Nippon Kayaku Co.	-	-	-	-	-	-
Mitsubishi Kasei Kogyo Co.	-	-	-	-	-	-
Kyowa Fermentation Co.	-	-	-	-	-	-
Snow-Brand Yakuhin Co.	-	-	-	-	-	-
Chuo Yakuhin K.K.	-	-	-	-	-	-
Santendo Pharm. Co.	-	-	-	-	-	-
Kakenyaku Hanbai K.K.	-	-	-	-	-	-
<u>Total:</u>	<u>92,776 vials</u>	<u>11,200 vials</u>	<u>66,849 vials</u>	<u>36,112 vials</u>	<u>467,529 vials</u>	<u>261,670 vials</u>

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<u>Manufacture:</u>	<u>Cryst. P. G</u> <u>1,000,000 u.</u>	<u>Cryst. Procaine P.</u> <u>in Oil 300,000 u.</u>	<u>Cryst. Procaine P.</u> <u>in Oil 1,500,000 u.</u>	<u>Cryst. Procaine P.</u> <u>in Oil 3,000,000 u.</u>
Banyu Pharm. Co.	-	90,000 vials	350 vials	31,000 vials
Taito Co.	-	36,775 "	-	15,913 "
Toyo Brewery Co.	-	-	-	6,300 "
Yashima Chemical Co.	-	25,409 "	-	31,297 "
Morinaga Yakuhin Kogyo Co.	-	21,219 "	-	19,126 "
Meiji Nuygyo Co.	-	63,732 "	-	102,169 "
Takeda Pharm. Ind. Ltd.	1,000 vials	-	-	5,304 "
Meiji Confectionery Co.	-	69,742 "	-	43,846 "
Sanyo Chemical Co.	-	30,000 "	-	36,000 "
Toyo Rayon Co.	-	32,100 "	-	30,000 "
Shionogi & Co.	-	-	-	26,220 "
Daiichi Seiyaku Co.	-	29,800 "	-	33,360 "
Kaken Chemical Co.	-	15,723 "	-	51,540 "
Showa Yakuhin Co.	-	48,450 "	-	24,000 "
Tachikawa Pharm. Co.	-	19,030 "	-	10,820 "
Nippon Kayaku Co.	-	-	-	6,945 "
Mitsubishi Kasei Kogyo Co.	-	-	-	2,200 "
Kyowa Fermentation Co.	-	-	-	5,000 "
Snow-Brand Yakuhin Co.	-	-	-	-
Chuo Yakuhin K.K.	-	-	-	-
Santendo Pharm. Co.	-	-	-	-
Kakenyaku Hanbai K.K.	-	-	-	-
<u>Total:</u>	<u>1,000 vials</u>	<u>481,980 vials</u>	<u>350 vials</u>	<u>481,040 vials</u>

<u>Manufactures:</u>	<u>P. Ointment</u> <u>5,000 u.</u>	<u>P. Ointment</u> <u>25,000 u.</u>	<u>P. Ointment</u> <u>50,000 u.</u>	<u>Procaine P.</u> <u>Oint. 50,000 u.</u>	<u>P. Dental Cones</u> <u>5,000 u.</u>
Banyu Pharm. Co.	-	-	-	-	-
Taito Co.	100,050 tubes	-	99,987 tubes	-	-
Toyo Brewery Co.	49,996 "	-	-	-	-
Yashima Chemical Co.	-	-	-	-	-
Morinaga Yakuhin Kogyo Co.	39,684 "	40,051 tubes	281,244 "	-	121,760 cones
Meiji Nyugyo Co.	-	-	253,306 "	-	-
Takeda Pharm. Ind. Ltd.	-	-	38,519 "	-	-
Meiji Confectionery Co.	-	-	400,630 "	-	-
Sanyo Chemical Co.	-	-	10,000 "	-	-
Toyo Rayon Co.	25,100 "	-	-	61,700 tubes	-
Shionogi & Co.	-	-	-	-	-
Daiichi Seiyaku Co.	-	-	-	-	-
Kaken Chemical Co.	-	-	70,865 "	-	-
Showa Yakuhin Co.	42,000 "	-	-	-	100,000 "
Tachikawa Pharm. Co.	50,370 "	30,030 "	51,530 "	-	-
Nippon Kayaku Co.	-	-	-	-	-
Mitsubishi Kasei Kogyo Co.	-	-	-	-	-
Kyowa Fermentation Co.	-	-	120,600 "	-	-
Snow-Brand Yakuhin Co.	19,996 "	-	-	-	-
Chuo Yakuhin K.K.	25,000 "	-	-	-	-
Santendo Pharm. Co.	-	-	-	-	-
Kakenyaku Hanbai K.K.	-	-	-	-	-
<u>Total:</u>	<u>352,196 tubes</u>	<u>70,081 tubes</u>	<u>1,326,681 tubes</u>	61,700 tubes	<u>221,760 cones</u>

<u>Manufactures:</u>	<u>P. Vaginal Sup.</u> <u>100,000 u.</u>	<u>P. Tablets</u> <u>100,000 u.</u>	<u>P. Tablets</u> <u>250,000 u.</u>	<u>Cryst. Procaine P. for</u> <u>Aqueous Inj. 300,000 u.</u>
Banyu Pharm. Co.	-	54,000 tabs.	-	30,000 vials
Taito Co.	-	30,000 "	-	- "
Toyo Brewery Co.	-	-	-	-
Yashima Chemical Co.	-	30,000 "	-	-
Morigana Yakuhin Kogyo Co.	38,486 susps.	-	-	9,531 "
Meiji Nyugyo Co.	-	25,460 "	40,760 tabs.	-
Takeda Pharm. Ind. Ltd.	-	131,808 "	79,724 "	38,806 "
Meiji Confectionery Co.	-	75,300 "	-	8,128 "
Sanyo Chemical Co.	-	-	-	-
Toyo Rayon Co.	-	-	-	-
Shionogi & Co.	-	-	-	-
Daiichi Seiyaku Co.	-	-	-	-
Kaken Chemical Co.	-	35,883 "	-	-
Shows Yakuhin Co.	-	-	-	-
Tachikawa Pharm. Co.	-	8,000 "	-	-
Nippon Kayaku Co.	-	-	-	-
Mitsubishi Kogyo Co.	-	-	-	-
Kyowa Fermentation Co.	-	-	-	-
Snow-Brand Yakuhin Co.	-	-	-	-
Chuo Yakuhin K.K.	-	-	-	-
Santendo Pharm. Co.	-	-	-	-
Kakenyaku Hanbai K.K.	-	-	-	-
<u>Total:</u>	<u>38,486 susps.</u>	<u>390,451 tabs.</u>	<u>120,484 tabs.</u>	<u>86,465 vials</u>

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<u>Manufactures:</u>	<u>P. Troches 5,000 u.</u>	<u>Aqueous Suspension of Procaine P. 300,000 u.</u>	<u>Aqueous Suspension of Procaine P. 3,000,000 u.</u>	<u>Complex P. for Aqueous Inj. 400,000 u.</u>
Banyu Pharm. Co.	120,084 troches	10,000 vials	41,000 vials	10,000 vials
Taito Co.	-	-	40,461 "	-
Toyo Brewery Co.	-	-	48,582 "	-
Yashima Chemical Co.	-	-	-	-
Morinaga Yakuhin Kogyo Co.	-	-	-	-
Meiji Nyugyo Co.	-	14,886 "	-	-
Takeda Pharm. Ind. Ltd.	-	16,565 "	40,463 "	15,215 "
Meiji Confectionery Co.	-	-	18,855 "	-
Sanyo Chemical Co.	-	-	23,000 "	-
Toyo Rayon Co.	-	-	-	-
Shionogi & Co.	-	-	-	-
Daiichi Seiyaku Co.	-	-	-	-
Kaken Chemical Co.	-	-	-	-
Showa Yakuhin Co.	-	-	-	7,092 "
Tachikawa Pharm. Co.	-	-	12,000 "	-
Nippon Kayaku Co.	-	-	-	-
Mitsubishi Kasei Kogyo Co.	-	-	-	-
Kyowa Fermentation Co.	-	-	-	-
Snow-Brend Yakuhin Co.	-	-	-	-
Chuo Yakuhin K.K.	-	-	-	-
Santendo Pharm. Co.	-	-	-	-
Kobun-yaku Hanbai K.K.	-	-	-	-
<u>Total:</u>	<u>120,084 troches</u>	<u>41,451 vials</u>	<u>224,361 vials</u>	<u>32,307 vials</u>

<u>Manufactures:</u>	<u>Complex P. in Oil 400,000 u.</u>	<u>Pyrimidine P. in Oil 300,000 u.</u>	<u>Pyrimidine P. in Oil 3,000,000 u.</u>	<u>Pyrimidine P. Tab. 250,000 u.</u>
Banyu Pharm. Co.	5,000 vials	-	-	-
Taito Co.	5,000 "	-	-	-
Toyo Brewery Co.	-	-	-	-
Yashima Chemical Co.	-	-	-	-
Morinaga Yakuhin Kogyo Co.	-	-	-	-
Meiji Nyugyo Co.	14,412 "	-	-	-
Takeda Pharm. Ind. Ltd.	21,543 "	-	-	-
Meiji Confectionery Co.	34,441 "	-	-	-
Sanyo Chemical Co.	-	-	-	-
Toyo Rayon Co.	-	-	-	-
Shionogi & Co.	-	-	-	-
Daiichi Seiyaku Co.	-	-	-	-
Kaken Chemical Co.	2,736 "	-	-	-
Showa Yakuhin Co.	-	-	-	-
Tachikawa Pharm. Co.	4,560 "	-	-	-
Nippon Kayaku Co.	-	29,839 vials	15,260 vials	5,000 tabs.
Mitsubishi Kasei Kogyo Co.	-	-	-	-
Kyowa Fermentation Co.	-	-	-	-
Snow-Brand Yakuhin Co.	-	-	-	-
Chuo Yakuhin K.K.	-	-	-	-
Santendo Pharm. Co.	-	-	-	-
Kakenyaku Hanbai K.K.	-	-	-	-
<u>Total:</u>	<u>87,692 vials</u>	<u>29,839 vials</u>	<u>15,260 vials</u>	<u>5,000 tabs.</u>

<u>Manufacturers:</u>	<u>P. Tab. for Oph.</u> <u>50,000 u.</u>	<u>P. Tab. for Oph.</u> <u>100,000 u.</u>	<u>Fyrimidine P. Oint.</u> <u>50,000 u.</u>	<u>P. Topical Powd.</u> <u>60,000 u.</u>
Banyu Pharm. Co.	-	-	-	-
Taito Co.	-	-	-	-
Toyo Brewery Co.	-	-	-	-
Yashima Chemical Co.	-	-	-	-
Morinaga Yakuhin Co.	22,138 tabs.	-	-	43,951 vials
Meiji Nyugyo Co.	129,700 "	-	-	-
Takeda Pharm. Ind. Ltd.	-	-	-	-
Meiji Confectionery Co.	-	-	-	-
Sanyo Chemical Co.	-	-	-	-
Toyo Rayon Co.	-	-	-	-
Shionogi & Co.	-	-	-	-
Daiichi Seiyaku Co.	-	-	-	-
Kaken Chemical Co.	-	-	-	-
Showa Yakuhin Co.	-	-	-	-
Tachikawa Pharm. Co.	-	-	-	-
Nippon Kayaku Co.	-	-	103,300 tubes	-
Mitsubishi Kasei Kogyo Co.	-	-	-	-
Kyowa Fermentation Co.	-	-	-	-
Snow-Brand Yakuhin Co.	-	59,950 tabs.	-	-
Chuo Yakuhin K.K.	-	-	-	-
Santendo Pharm. Co.	69,000 "	-	-	-
Kakenyaku Hanbai K.K.	18,525 "	-	-	-
<u>Total:</u>	<u>239,363 tabs.</u>	<u>59,950 tabs.</u>	<u>103,300 tubes</u>	<u>43,951 vials</u>

<u>Manufacturers:</u>	<u>P. Topical Powd.</u> <u>100,000 u.</u>
Banyu Pharm. Co.	-
Taito Co.	-
Toyo Brewery Co.	-
Yashima Chemical Co.	-
Morinaga Yakuhin Kogyo Co.	-
Meiji Nyugyo Co.	-
Takeda Pharm. Ind. Co.	-
Meiji Confectionery Co.	-
Sanyo Chemical Co.	-
Toyo Rayon Co.	-
Shionogi & Co.	-
Daichi Seiyaku Co.	-
Kaken Chemical Co.	-
Showa Yakuhin Co.	-
Tachikawa Pharm. Co.	100,000 vials
Nippon Kayaku Co.	-
Mitsubishi Kasei Kogyo Co.	-
Kyowa Fermentation Co.	-
Snow-Brand Yakuhin Co.	-
Chuo Yakuhin K.K.	-
Santendo Pharm. Co.	-
Kakenyaku Hanbai K.K.	-
<u>Total:</u>	100,000 vials

TOTAL GROSS : 2,735,203,035,000 units

ACTUAL PRODUCTION OF BULK PENICILLIN DURING MARCH 1953

Manufacturers:

Bakada Pharm. Ind. Ltd.

Daibo Co.

Mitsubishi Kasei Kogyo Co.

Sanjo Chemical Co.

Nippon Kagaku Co.

Total:

Crystalline Penicillin G

11,832,000,000 units

15,810,000,000 "

37,752,000,000 "

-

-

65,394,000,000 units

Cryst. Procaine Penicillin G

11,000,000,000 units

162,928,800,000 "

20,400,000,000 "

352,600,000,000 "

546,928,800,000 units

TOTAL GROSS : 612,322,800,000 units

<u>Manufacturers:</u>	<u>P. for Topical Use 10,000 u.</u>	<u>P. for Topical Use 50,000 u.</u>	<u>Carbarrone Vaginal Tablets 50,000 u.</u>	<u>P. Tab. for Oph. 30,000 u.</u>
Banyu Pharm. Co.	15,000	-	-	-
Taito Co.	-	-	-	-
Toyo Brewery Co.	-	-	-	-
Yashima Chemical Co.	-	-	-	-
Morigana Yakuhin Kogyo Co.	-	-	-	-
Meiji Nyugyo Co.	-	-	-	-
Takeda Pharm. Ind. Ltd.	-	-	-	-
Meiji Confectionery Co.	-	-	-	-
Sanyo Chemical Co.	-	-	-	-
Toyo Rayon Co.	-	-	-	-
Shionogi & Co.	-	-	-	-
Daiichi Seiyaku Co.	-	-	-	-
Kaken Chemical Co.	-	-	-	-
Showa Yakuhin Co.	30,000	20,000	-	-
Techikawa Pharm. Co.	-	-	-	-
Nippon Kayaku Co.	-	-	-	-
Mitsubishi Kasei Kogyo Co.	-	-	-	-
Kyowa Fermentation Co.	-	-	-	-
Snow-Brand Yakuhin Co.	49,980	-	-	-
Chuo Yakuhin Co.	-	-	-	-
Santendo Pharm. Co.	-	-	-	-
Kakenyaku Hanbai K.K.	-	-	-	-
Sankyo Co.	-	-	380,023 tabs.	54,700 tabs.
<u>Total:</u>	<u>94,980</u>	<u>20,000</u>	<u>380,023 tabs.</u>	<u>54,700 tabs.</u>