# Results of Operations for the Third Quarter of the Fiscal Year Ending February 28, 2019 

## Consolidated Financial Summary for 3Q of FY2/19

## Consolidated Financial Summary

- The volume of new orders was low because pharmaceutical capital expenditures in Japan were down
- The U.S. subsidiary will contribute to FY2/19 performance mainly in the 4Q as activities are still under way for the full-scale expansion of sales channels for new products and products other than pharmaceuticals
- In the chemicals business, sales and earnings of pharmaceutical excipients increased and the performance of food preservatives was strong


- Slow pace of new product sales growth
- Lower than anticipated sales outside the pharmaceuticals sector
- Sluggish capital expenditures at client companies
- Estimate of possible delay in recognition of some sales to FY2/20
(500) million yen ... *1
(500) million yen ... *2
(800) million yen ... *3
(200) million yen ... *4

- Sales By Product Field
- Pharmaceutical products: Difficult to receive new orders due to weak demand in Japan for pharmaceutical equipment and delays involving new product
- Industrial products: Sales increased YoY
- Segment Profit
- Decreased in part because of losses at two subsidiaries

| (Millions of yen) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { FY2/18 } \\ \text { Q3 } \\ \text { Actual } \end{gathered}$ | $\begin{gathered} \text { FY2/19 } \\ \text { Q3 } \\ \text { Actual } \end{gathered}$ | Amount | \% | FY2/19 <br> Forecasts (as of 4/13/18) | FY2/19 <br> Forecasts (as of $1 / 8 / 19$ ) |
| Net sales | 9,747 | 8,723 | $(1,023)$ | (10.5) | 14,000 | 12,000 |
| Pharmaceutical Products | 8,338 | 7,068 | $(1,270)$ | (15.2) | - | - |
| Industrial Products | 1,408 | 1,655 | +246 | +17.5 | - | - |
| Operating profit | 910 | 295 | (615) | (67.5) | - |  |
| Orders received | 8,747 | 8,620 | (126) | (1.4) | - | - |
| Pharmaceutical Products | 7,395 | 7,343 | (51) | (0.7) | - | - |
| Industrial Products | 1,352 | 1,277 | (75) | (5.6) | - | - |
| Order backlog | 7,681 | 5,818 | $(1,863)$ | (24.3) | - | - |
| Pharmaceutical Products | 6,827 | 5,288 | $(1,538)$ | (22.5) | - | - |
| Industrial Products | 854 | 529 | (324) | (38.0) | - | - |
| Yen/dollar rate (+ is yen depreciation) | 111.70 | 110.44 | -1.26 yen/dollar | (1.1) | 110.00 | 110.00 |

- Freund Corporation: Performance down from one year earlier, when there was a highly profitable project in Europe; new products have not yet contributed to sales and earnings
- Freund-Vector: A loss in the first three quarters because most sales and earnings are in the 4Q of every fiscal year
Freund-Turbo:
A loss in the first three quarters because of higher expenses for a new business site and the development of new products
(Millions of yen)

|  | $\begin{gathered} \text { FY2/18 } \\ \text { Q3 } \\ \text { Amount } \end{gathered}$ | $\begin{gathered} \text { FY2/19 } \\ \text { Q3 } \\ \text { Amount } \end{gathered}$ | YoY change |  | FY2/19 <br> Forecasts (as of 4/13/18) | FY2/19 <br> Forecasts (as of $1 / 8 / 19$ ) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Amount | \% |  |  |
| Net sales | 9,747 | 8,723 | $(1,023)$ | (10.5) | 14,000 | 12,000 |
| FREUND CORPORATION | 6,085 | 5,589 | (496) | (8.2) | - | - |
| FREUND-VECTOR | 2,895 | 2,213 | (681) | (23.5) | - | - |
| FREUND-TURBO | 1,143 | 1,485 | +342 | +29.9 | - | - |
| Operating profit | 910 | 295 | (615) | (67.5) | - | - |
| FREUND CORPORATION | 928 | 537 | (391) | (42.1) | - | - |
| FREUND-VECTOR | (71) | (227) | (156) | - | - | - |
| FREUND-TURBO | 53 | (14) | (68) | (127.5) | - | - |
| Orders received | 8,747 | 8,620 | (126) | (1.4) | - | - |
| FREUND CORPORATION | 5,079 | 4,729 | (349) | (6.9) | - | - |
| FREUND-VECTOR | 2,656 | 2,919 | +263 | +9.9 | - | - |
| FREUND-TURBO | 1,011 | 971 | (39) | (3.9) | - | - |
| Order backlog | 7,681 | 5,818 | $(1,863)$ | (24.3) | - | - |
| FREUND CORPORATION | 5,666 | 3,506 | $(2,159)$ | (38.1) | - | - |
| FREUND-VECTOR | 1,404 | 2,000 | +595 | +42.4 | - | - |
| FREUND-TURBO | 610 | 310 | (299) | (49.1) | - | - |

- Japan:

Decrease in the number of projects and slower than expected pace of contributions to earnings from new products (tablet printers)

- North and South Americas: Sales in North America remained largely unchanged YoY
- Europe:
- Other (Asia): Sales down because large projects raised sales in FY2/18 Sales increased in India and China
(Millions of yen)

|  | FY2/18 Q3 Amount | FY2/19 Q3 Amount | YoY change |  | FY2/19 <br> Forecasts (as of 4/13/18) | FY2/19 <br> Forecasts (as of $1 / 8 / 19$ ) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net sales | 9,747 | 8,723 | $(1,023)$ | (10.5) | 14,000 | 12,000 |
| Japan | 5,883 | 5,846 | (36) | (0.6) | - | - |
| Overseas | 3,864 | 2,876 | (987) | (25.6) | - | - |
| North and South Americas | 1,795 | 1,726 | (68) | (3.8) | - | - |
| Europe and Africa | 1,287 | 270 | $(1,016)$ | (79.0) | - | - |
| Middle East, Asia and Pacific | 781 | 879 | +97 | +12.5 | - | - |

## Machinery Business: Quarterly Results (by Product Field)

Net sales
Operating profit margin
(Millions of yen)

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Machinery Business: Quarterly Results (Net sales/Orders received/Order backlog)

(Millions of yen)


## Chemicals Business: Overview

- Net Sales
- Pharmaceutical excipients: Higher sales in Japan and overseas
- Food preservatives:
- Export:
- Segment Profit:

Performing as planned, including activities to start selling food preservatives in other countries
Expanded sales channels in India by enlarging the manufacturing infrastructure
Higher because of an improvement in the sales mix
(Millions of yen)

|  | $\begin{gathered} \mathrm{FY} 2 / 18 \\ \text { Q3 } \end{gathered}$ | $\begin{gathered} \text { FY2/19 } \\ \text { Q3 } \end{gathered}$ | YoY change |  | FY2/19 <br> Forecasts (as of 4/13/18) | FY2/19 <br> Forecasts |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amount | Amount | Amount | \% |  | (as of 1/8/19) |
| Net sales | 3,998 | 4,519 | + 521 | +13.0 | 6,000 | 6,000 |
| Pharmaceutical Excipients | 1,867 | 2,346 | + 478 | +25.6 | - | - |
| Food Preservatives | 1555 | 1650 | +95 | +6.2 | - | - |
| Dietary Supplement Products | 576 | 522 | (53) | (9.2) | - | - |
| (Export sales)*1 | 110 | 301 | +191 | +173.1 | - | - |
| Operating profit | 593 | 781 | +187 | +31.5 | - | - |

Note 1: Sales to India, South Korea and Taiwan

## Chemicals Business: Quarterly Results (by Product Field)

Net sales (Millions of yen)


## Change in Consolidated Operating Profit

- The decrease in the gross profit is the largest component of the change in operating profit
- The change in SG\&A expenses was a normal movement linked to the volume of business activities



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