

TABLE 3

*Composition of the bulk muscle of undernourished and rehabilitating pigs and their wellnourished controls*

Values are means for the number of animals shown in brackets and are expressed per kg. of fat-free tissue

|  | Undernourished      |             | Rehabilitating |              |             |
|--|---------------------|-------------|----------------|--------------|-------------|
|  | Under-nourished (3) | Control (2) | Stage I (1)    | Stage II (2) | Control (2) |
| Water g.                                     | 842                 | 809         | 824            | 818          | 803         |
| Total N g.                                   | 20.8                | 24.4        | 22.0           | 23.9         | 26.3        |
| Collagen N g.                                | 4.6                 | 2.7         | 3.7            | 4.1          | 2.7         |
| Collagen N $\times 100$                      | 22.1                | 11.1        | 16.8           | 17.1         | 10.3        |
| Total N                                      |                     |             |                |              |             |
| Na mEq.                                      | 69.1                | 40.3        | 54.5           | 46.3         | 41.3        |
| K mEq.                                       | 57.0                | 82.3        | 77.0           | 81.7         | 87.6        |
| Cl mEq.                                      | 47.9                | 26.6        | 39.7           | 36.8         | 27.8        |
| P m.moles                                    | 36.3                | 56.2        | 54.1           | 60.8         | 56.0        |
| Ca mEq.                                      | 7.1                 | 4.8         | 5.1            | 4.8          | 4.4         |
| Mg mEq.                                      | 9.8                 | 13.0        | 12.2           | 13.0         | 14.5        |
| <i>Absolute amounts in total muscle mass</i> |                     |             |                |              |             |
| Collagen N g.                                | 7.6                 | 5.7*        | 8.5            | 13.8         | 10.5*       |
| Cl mEq.                                      | 78.9                | 56.1*       | 91.0           | 126          | 109*        |

\* Values corrected for discrepancies in fat-free body weight.