



Morinaga Institute of Biological Science, Inc.

SACHIURA 2-1-16, KANAZAWA-KU,

YOKOHAMA, 2360003, JAPAN

TEL:+81-45-791-7674

E-mail: info_miobs_e@morinaga.co.jp

December 12, 2022

Quality Control Report

Morinaga Institute of Biological Science, Inc.

Quality Assurance Department

Manager:

M. Morita

Product:

| Product name | Batch number | Expiration date |
|------------------------|--------------|-----------------|
| Buckwheat ELISA Kit II | 22DESFBW073 | DEC.09 2023 |

The product kit, batch 22DESFBW073, passed the quality control.

(1) Absorbance of the standard curve

(Assay date : December 12, 2022)

| STD (ng/mL) | 1 | 2 | 3 | 4 | Ave. | CV (%) |
|----------------|-------|-------|-------|-------|-------|-----------|
| 0 | 0.010 | 0.008 | 0.010 | 0.008 | 0.009 | |
| 0.78 | 0.048 | 0.045 | 0.046 | 0.046 | 0.046 | 2.7 |
| 1.56 | 0.086 | 0.081 | 0.084 | 0.082 | 0.083 | 2.7 |
| 3.13 | 0.152 | 0.148 | 0.151 | 0.153 | 0.151 | 1.4 |
| 6.25 | 0.296 | 0.286 | 0.295 | 0.290 | 0.292 | 1.6 |
| 12.5 | 0.566 | 0.545 | 0.563 | 0.559 | 0.558 | 1.7 |
| 25 | 1.061 | 1.033 | 1.072 | 1.047 | 1.053 | 1.6 |
| 50 | 1.983 | 1.965 | 2.011 | 1.984 | 1.986 | 1.0 |

(2) Results of the Test materials

| Positive Control | Protein content(μg/g) | Standard value |
|------------------|-----------------------|----------------|
| A | 18.1 | 11.3-21.0 |
| B | 18.1 | 11.1-20.6 |
| C | 8.3 | 5.7-10.6 |