

November 2, 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 | 22NOSFBW072 | NOV.01 2023 |

The product kit, batch 22NOSFBW072, passed the quality control.

(1) Absorbance of the standard curve

(Assay date : November 2, 2022)

| STD (ng/mL) | 1 | 2 | 3 | 4 | Ave. | CV (%) |
|----------------|-------|-------|-------|-------|-------|-----------|
| 0 | 0.008 | 0.008 | 0.009 | 0.008 | 0.008 | |
| 0.78 | 0.050 | 0.050 | 0.049 | 0.048 | 0.049 | 1.9 |
| 1.56 | 0.094 | 0.092 | 0.090 | 0.090 | 0.092 | 2.1 |
| 3.13 | 0.170 | 0.164 | 0.166 | 0.164 | 0.166 | 1.7 |
| 6.25 | 0.320 | 0.318 | 0.311 | 0.314 | 0.316 | 1.3 |
| 12.5 | 0.621 | 0.612 | 0.607 | 0.598 | 0.610 | 1.6 |
| 25 | 1.138 | 1.153 | 1.138 | 1.134 | 1.141 | 0.7 |
| 50 | 2.103 | 2.121 | 2.124 | 2.108 | 2.114 | 0.5 |

(2) Results of the Test materials

| Positive Control | Protein content(μg/g) | Standard value |
|------------------|-----------------------|----------------|
| A | 16.2 | 11.3-21.0 |
| B | 14.3 | 11.1-20.6 |
| C | 8.6 | 5.7-10.6 |