**Table S1.** The mean recoveries and precisions.

| Matrix | Analyte | Fortified Level (µg/kg) | Recovery | Between-day RSD | Within-day RSD |
|---|---|---|---|---|---|
| Whole egg | FF | 5.0 | 83.9 | 4.1 | 4.5 |
| | | 10.0 * | 93.3 | 3.4 | 3.4 |
| | | 20.0 | 94.6 | 3.6 | 3.5 |
| | FFA | 2.0 | 71.9 | 4.5 | 4.9 |
| | | 5.0 | 82.4 | 4.6 | 4.9 |
| | | 10.0 * | 81.6 | 4.2 | 5.1 |
| | | 20.0 | 82.3 | 3.1 | 3.6 |
| | CIP | 0.1 | 76.0 | 4.3 | 4.9 |
| | | 5.0 | 82.8 | 5.1 | 6.1 |
| | | 10.0 * | 83.6 | 3.5 | 3.6 |
| | | 20.0 | 84.1 | 3.5 | 3.7 |
| | ENR | 0.1 | 87.1 | 5.1 | 6.2 |
| | | 5.0 | 92.1 | 4.4 | 4.7 |
| | | 10.0 * | 94.0 | 4.2 | 3.9 |
| | | 20.0 | 94.8 | 4.0 | 4.9 |
| | SAR | 0.2 | 82.0 | 4.9 | 5.2 |
| | | 2.5 | 85.7 | 3.3 | 4.1 |
| | | 5.0 * | 87.3 | 3.9 | 4.6 |
| | | 10.0 | 87.5 | 3.5 | 4.3 |
| Egg yolk | FF | 5.0 | 80.4 | 4.6 | 5.3 |
| | | 10.0 * | 87.5 | 4.0 | 3.8 |
| | | 20.0 | 90.5 | 3.6 | 3.7 |
| | FFA | 2.0 | 73.2 | 4.3 | 4.7 |
| | | 5.0 | 78.4 | 4.5 | 4.9 |
| | | 10.0 * | 81.4 | 4.7 | 4.6 |
| | | 20.0 | 81.9 | 3.9 | 3.9 |
| | CIP | 0.1 | 72.6 | 4.6 | 5.8 |
| | | 5.0 | 77.8 | 4.3 | 5.4 |
| | | 10.0 * | 82.2 | 4.6 | 5.3 |
| | | 20.0 | 83.8 | 3.9 | 3.7 |
| | ENR | 0.1 | 86.2 | 6.6 | 7.3 |
| | | 5.0 | 93.3 | 5.6 | 5.9 |
| | | 10.0 * | 93.9 | 4.2 | 4.4 |
| | | 20.0 | 94.4 | 3.9 | 4.5 |
| | SAR | 0.2 | 73.5 | 5.1 | 5.1 |
| | | 2.5 | 76.9 | 3.5 | 3.9 |
| | | 5.0 * | 79.4 | 4.2 | 4.8 |
| | | 10.0 | 80.7 | 3.8 | 4.1 |
| Egg albumen | FF | 5.0 | 87.4 | 4.5 | 5.2 |
| | | 10.0 * | 90.9 | 4.2 | 4.3 |
| | | 20.0 | 92.2 | 3.9 | 4.1 |
| | FFA | 2.0 | 75.1 | 4.9 | 5.8 |
| | | 5.0 | 81.5 | 4.8 | 5.5 |
| | | 10.0 * | 80.8 | 4.4 | 5.6 |
| | | 20.0 | 81.1 | 3.1 | 3.4 |
| | CIP | 0.1 | 75.3 | 4.2 | 4.6 |
| | | 5.0 | 81.7 | 4.5 | 5.2 |
| | | 10.0 * | 82.2 | 3.4 | 4.8 |

| | | | | |
|---|---|---|---|---|
| | 20.0 | 83.7 | 4.4 | 4.9 |
| ENR | 0.1 | 86.7 | 6.3 | 6.4 |
| | 5.0 | 93.1 | 5.7 | 6.3 |
| | 10.0 * | 91.7 | 4.1 | 5.7 |
| | 20.0 | 94.6 | 3.9 | 4.6 |
| SAR | 0.2 | 82.4 | 6.1 | 7.0 |
| | 2.5 | 85.6 | 4.9 | 6.2 |
| | 5.0 * | 88.2 | 4.1 | 4.8 |
| | 10.0 | 89.3 | 3.6 | 4.2 |

Note: *, MRL.